№ 22

TÜRKİYE CÜMHURİYETİ

MİLLÎ EĞİTİM BAKANLIĞI

İSTANBUL KANDİLLİ RASATHANESİ

1939

(Nisan, Mayıs, Haziran)

Meteoroloji, Sismoloji ve Miknatis Rasatları

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1939

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İSTANBUL

MİLLÎ EĞİTİM BASIMEVİ

I — Meteoroloji (Météorologie)

Yakup Elbek

Cetvel, grafik ve işaretlerin izahları 5 numaralı mecmuada bulunduğundan tekrar ılmasına lüzum görülmemiştir.

Olayların aylık gidişi

NİSAN

Basınç — 760.3 ile 763.8 mm. arasında az mütehavvil devame den barometre 8 inci gün eden sonra hafif surette düşerek 10 uncu gün saat 6 da 755.4 mm. minimum kıymetten miş ve 12 nci gün saat 11 de (770.5 mm.) olmak üzere ayın mutlak maksimumuna yükniştir. Bundan sonra çok hafif surette düşerek 19 uncu gün sabahı 756.4 mm. olmuşsa da rar yükselmeğe başlamış 20 nci gün akşamı 766 mm. ye çıkmış 22 nci gün akşamına ka- 764.5 ile 766.5 mm. arasında muntazam devam etmiştir. 22 nci gün saat 22/30 dan sonra if grenlerle düşmeğe başlamış, 24 üncü gün saat 14 te (750.5 mm.) olmak üzere ayın lak minimumundan geçerek 27 nci gün 765 mm. ye çıkmıştır. Bundan sonra hafif sue düşerek 30 uncu gün gece yarısı 758.9 mm. olmuştur. 24 üncü gün sabahı grenler a şiddetli olmuş ve akşam saat 20 de kesilmiştir. En çok sapma 20.0 mm. dir.

Bu ayın ortalaması 761.8 mm. olup normal [760.2 mm.] den 1.6 mm. fazladır. 28 yıllık atlarda bu aydaki ortalamaların maksimumu 1914 te 763.2, asgarisi de 1930 da 758.3 dir.

Sıcaklık — Bu ayın mutlak maksimumu 15 inci gün saat 17/45 te 23°.6, mutlak minimu da 12 nci gün saat 4/10 da 2°.7 olup en çok sapma 20°.9 dur. Bu ayın ortalaması 3 olup normal (11°.4) ten 0°.2 fazladır. Bu ayın maksimumlar ortalaması 16°.4 tür ki mal (16°.1) den 0°.3 fazla, minimumlar ortalaması da 7°.2 dir ki normal (7°.6) dan 0°.4 iktir. 28 yıllık rasatlarda bu ay için mutlak maksimum olarak 1926 nci yıl 26 nci gün) ve mutlak minimum olarak da 1923 üncü yıl 4 üncü gün — 1°.6 görülmüştür.

Bağıl nem — Bu ayın minimum nemi 22 nci gün saat 6/30 da % 24 tür. Bu ayın ormması % 71 olup normal (% 72) den % 1 eksiktir. 28 yıllık rasatlarda bu aydaki ortalaarın maksimumu 1918 yılı % 82, minimumu da 1933 yılı % 59 dur.

Çökelek — Cetvelinde görüldüğü üzere bu ay içinde yalnız 4 gün yağmurlu geçmiş ou müddet zarfında yalnız 4.5 mm. yağmur yağmıştır ki normal (40.3 mm.) den 35.8 mm. ktir. 28 yıllık rasatlar icinde bu seneki kadar az yağışlı nisan ayı hiç görülmemiştir. ; ve 1919 yıllarında sırasiyle 12.3 ve 13.0 mm. olmak üzere az yağışlı nisan ayları ği.

Fırtınalı günler: (*)

Gün	Devam fasılası h/m ilâ h/m	Maksimum hızı m/s	Yönü
20	15/00 — 16/45	14	N
25	1/45 — 3/00	14	SSW
	10/30 — 12/45	15	SSW

Toprağın sıcaklığı — 5, 10, 20 ve 50 sm. derinliktekilerin tahavvülü her ayda aynidir. Bir metre derinlikteki ay başında 10.5 olup mevsim seyrine uyarak yükseli iken 20 nci gün geçen soğuktan müteessir olmuş iki gün zarfında 0.3 mm. düştükten tekrar yükselmesine başlamış ay sonunda 13°.5 olmuştur. 2 metre derinlikteki m seyrine uyarak muntazaman yükselmiş, ay başında 10°.8 iken ay sonunda 12°.3 olmu

MAYIS

Basınç — Yavaş yavaş yükselerek 2 nci gün 762.7 mm. ye çıkan barometre öğ sonra düşmeğe başlamış, 3 üncü gün akşamı 756 mm. olmuş ve 4 üncü gün akşamın dar 756 ile 758 mm. arasında devam etmiştir. 4 üncü gün saat 17 den 6 nci gün saat kadar büyük küçük çanaklar ve grenler yaptıktan sonra yükselmeğe başlamış 10 gün saat 11 de (764.5) mm. olmak üzere ayın mutlak maksimumuna çıkmıştır. 11 inci sabahtan akşama kadar grenler yapmış ve düşmeğe devam etmiş 13 üncü gün 756 m kadar indikten sonra yükselmeğe başlamış 14 üncü gün 763.7 mm. maksimumdan ge ve bundan sonra batı surette düşerek 21 inci gün saat 15/40 ta (749,4 mm.) olmak ü ayın mutlak minimumundan geçmiş, 23 üncü gün 761.2 mm. olmuştur. 28 inci gün akşa kadar 755.5 ile 760 mm. arasında devam etmiş 29 uncu gün sabahından yükselmeğe lamış ve 31 inci gün 764.4 mm. olmuştur. En çok sapma 15.1 mm. dir.

Bu ayın ortalaması 759.2 mm. olup normal (760.3 mm.) de 1.1 mm. eksiktir. 28 rasatlarda bu aydaki ortalamaların maksimumu 1917 yılı 762.9, minimumu da 193 758.0 mm. dir.

Sıcaklık — Bu ayın mutlak maksimumu 5 inci gün saat 12/05 de 29°.0, mutlak m mumu da birinci gün saat 3/45 te 7°.9 olup en çok sapma 21°.1 dir. Bu ayın ortala 17°.7 olnp normal (15°.6) dan 2°.1 fazladır. Bu ayın maksimumlar ortalaması 22°.9 d normal (20°.3) ten 2°.6 fazla, minimumlar ortalaması da 12°.9 dur ki normal (11°.6) dan fazladır. 28 yıllık rasatlarda bu ay için mutlak maksimum olarak 1928 yılı 19 uncu 33°.8 ve mutlak minimum olarak da 1915 yılı 8 inci gün 3°.0 görülmüştür.

Bağıl nem — Bu ayın minimum nemi 4 üncü gün saat 16/25 te % 19 dur. Bu ortalaması % 69 olup normal (% 74) ten % 5 eksiktir. 28 yıllık rasatlarda bu aydaki o lamaların maksimumu 1920 nci yılı % 83, minimumu da 1932 yılı % 62 dir.

Çökelek — Cetvelinde 8 gün yağmurlu görünüyorsa da 2 günü 0.2 şer milimetre duğu için ehemmiyetsizdir. Bu müddet zarfında 0.2 mm. si sisten olmak üzere 17.6 su birikmiştir ki normal (41.2 mm.) den 23.6 mm. eksiktir. 1926, 1918 ve 1912 seneleri s siyle 1.1, 1.4 ve 6.4 mm. olmak üzere az yağışlı mayıs ayları görülmüştür.

(*) Rüzgârın hızı saniyede 13 metreyi geçerse o gün fırtınalı gün itibar olunur.

Şiddetli ve sürekli yağışlar

Miktarı	Zaman ve müddeti	Ortalma şiddeti	Maksimum şiddeti	Maksimum şiddetin zaman ve müddeti
mm.	h/m ilâ h/m	mm/min.	mm/min.	h/m ilâ h/m
2.5	17/00 — 17/40	0.06	0.50	17/00 — 17/02
1.9	18/18 — 18/30	0.16	0.16	18/18 — 18/30
5.6	10/33 — 11/10	0.15	0.46	10/33 — 10/40

ırtınalı günler:

Gün	Devam fasılası h/m ilâ h/m	Maksimum hızı m/s	Yönü
4/5	23/15 — 1/00	14	SEE, SE
5	11/45 — 24/15	18	SE, S, SSW, SW
6	3/00 — 10/30	16	SSW, S, SSE, SE
7	0/45 — 1/45	15	SSW
22	7/00 — 7/35	14	SSW, SW

oprağın sıcaklığı — 5, 10, 20 ve 50 sm. derinliktekilerin tahavvülü her aydakinin lir. Bir ve iki metredekiler mevsim seyrine uyarak muntazaman yükselmişlerdir. Bir edeki ay başında 13°.5 iken ay sonunda 17°.6, iki metredeki ay qaşında 12°.5 iken ay ıda 14°.8 ülmuştur.

HAZİRAN

asınç — İnmekte olan barometre ikinci gün saat 15/15 te yükselmeğe başlamış yaaatta 1.3 mm. yükseldikten sonra düşmeğe başlamış, 18/20 de yani bir saat 35 dakika ıda 4.5 mm. düşerek 751.9 mm. minimum kıymeti almış ve bir çanak yaparak 40 dazarfında 2.2 mm. yükselmiştir. Bundan sonra yavaş yavaş yükselerek 4 üncü gün ı 760.8 mm olmuş 4/5 günleri 758.2 ile 760.3 mm arasında, 6/7 günleri 762 8 ile 760 arasında, 8 inci gün 758.6 ile 760 mm. arasında, 9 uncu gün 758.5 ile 757 mm. arasında günleri 760.4 ile 757.8 mm. arasında oldukça muntazam devam etmiştir. 14 üncü gün len sonra düşmeğe başmamış, akşam 756.2 mm. olmuş ve 19 uncu güne kadar 754.5 56.7 mm. arasında devam etmiştir. 18 inci gün saat 12 den 19 uncu gün saat 8 e kadar k küçük çanaklar da gürülmüştür. 19 uncu gün biraz yükselmiş 21 inci güne kadar ile 757.8 mm. arasında çok muntazam devam etmiştir. 21 inci gün öğleden sonra eğe başlamış, 23 üncü gün saat 16/30 da (752.8 mm.) olmak üzere ayın mutlak miniundan geçmiş, 26 ncı gün 762.8 mm. maksimum kıymeti almıştır. Bundan sonra düşe28 sabahı 756.8 mm. olmuşsa da tekrar yükselerek 29 uncu gün saat 21 de (763.4 mm.) k üzere ayın mutlak maksimumundan geçmiş ve 30 uncu gün akşamı 760.8 mm. olir. En çok sapma 10.6 mm. dir.

u ayın ortalaması 758.4 mm. olup normal (759.9 mm.) den 1.5 mm. eksiktir. 28 yıllık tarda bu aydaki ortalamaların maksimumu 1923 yılı 766.3 mm. minimumu da 1933 yılı mm. dir.

ıcaklık — Bu ayın mutlak maksimumu 27 nci gün saat 13/20 de 34°.0, mutlak minu da 4 üncü gün saat 5/10 da 11.8 olup en çok sapma 22°.2 dir. Bu ayın ortalaması olup normal (20°.2) den 0°.8 fazladır. Bu ayın maksimumlar ortalaması 25°.8 dir ki

normal (24°.8) den 1°.0 fazla minimumlar ortalaması da 16°.6 dır ki normal (15°.6) dan 1 fazladır. 28 yıllık rasatlarda bu ay için mutlak maksimum olarak 1912 yılı 14 üncü g 38°.9 ve mutlak minimum olarak da 1933 yılı 6 ncı gün 8°.3 görülmüştür.

Bağıl nem — Bu ayın minimum nemi 27 nci gün saat 10/45 te % 17 dir. Bu ayın talaması % 73 olup normal (% 71) den % 2 fazladır, 28 yıllık rasatlarda bu aydaki ort maların maksimumu 1914 yılı % 81, minimumu da 1926 yılı % 63 tür.

Çökelek — Cetvelinde görüldüğü üzere yağmurlu geçan 13 gün zarfında sis ile b likte 63.0 mm. su birikmiştir ki normal (36.4 mm.) den 26.6 mm. fazladır. 1924, 1914 ve 1 senelerinde sırasiyle 161.7, 82,8 ve 77.3 mm. olmak üzere çok yağışlı haziran ayl görülmüştür.

Şiddetli ve sürekli yağışlar

Gün	Miktarı	Zaman ve müddeti	Ortalama şiddeti	Maksimum şiddeti	Maksimum şidd zaman ve müd
	mm.	h/m ilâ h/m	mm/min.	mm/min.	h/m ilâ h/m
2	4.2	15/22 — 17/10	0.04	0.40	15/23 — 15/2
3	6.2	10/35 — 11/55	0.08	0.40	10/45 — 10/5
6	1.5	17/17 — 17/40	0.06	0.14	71/17 — 17/2
7	6.5	7/30 — 9/30	0.05	0.31	8/50 — 8/5
	12.6	17/00 — 21/40	0.05	0.30	18/27 — 18/4
9	4.4	6/07 — 6/23	0.27	0.50	6/08 — 6/1
19	8.0	2/55 — 4/40	0.08	0.26	4/08 — 4/2
20	3.2	7/42 — 7/55	0.25	0.40	7/42 — 7/4
22	2.6	12/10 — 12/50	0.06	0.45	12/18 — 12/2

Fırtınalı günler:

Gün	Devam fasılası h/m ilâ h/m	Maksimum hızı m/s	Yönü
2	15/15 — 17/30	19	N
3	11/15 — 17/00	14	N
6	16/00 — 21/15	15	N, NNE
7	9/45 — 16/45	16	NNE, NE
30	13/30 — 17/45	14	NNE

Toprağın sıcaklığı — 5, 10, 20 ve 50 sm. derinliktekilerin tahavvülü her aydak aynidir. Bir metredeki mevsim seyrine uyarak yükselmesi lâzım gelirken geçen so havadan müteessir olmuş ay başında yükseldiği 17°.8 i 5 gün muhafazadan sonra ya yavaş düşmeğe başlamış 10 uncu gün 17°3 olmuş ve bundan sonra yükselmeğe başla ay sonunda 20°.6 olmuştur. 2 metredeki mevsim seyrine uyarak yükselmesine devam e ay başında 14°.8 iken ay sonunda 16°.5 olmuştur.

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Tarih — *Date*	Barometre (O° ye ve O. D. S.) 700 mm + ...				Sıcaklık C° *Température*						Buhar gerilimi *Tension de la vap.* mm.				Bağıl nem % *Humidité relat*				Aktinom. C°		Güneşte Mak. *Max. nair*	Güneşlenme
	7	14	21	Or. *Moy.*	7	14	21	Or. *Moy*	Mak *Max*	Min. *Min*	7	14	21	Or. *Moy.*	7	14	21	Or. *Moy.*	Beyaz *Blanc*	Siyah *Noir*		S.
1	63.4	62.2	62.4	62.7	6.8	13.7	6.5	9.0	16.4	5.2	6.88	6.27	6.06	6.07	79	53	84	72	29.8	38.0	48.5	
2	61.9	61.4	62.3	61.9	6.2	12.5	6.3	8.3	15.0	4.9	6.35	6.05	60.8	6.16	90	56	85	77	28.9	38.6	43.2	1
3	61.8	60.6	61.1	61.2	6.7	11.4	7.8	8.6	12.6	4.8	6.69	7.16	6.91	6.92	91	71	88	83	27.4	36.2	46.4	
4	61.0	60.6	61.7	61.1	7.5	10.3	6.9	8.2	11.4	6.2	6.98	7.00	6.78	6.92	90	74	91	85	27.4	37.2	40.8	
5	62.2	61.5	62.3	62.0	6.3	9.4	5.8	7.2	9.6	5.0	6.60	7.08	6.58	6.75	92	80	96	89	26.4	36.0	38.6	
6	63.5	62.0	62.1	62.5	5.7	13.3	5.0	8.0	14.1	4.2	6.43	7.11	6.21	6.58	94	62	96	84	30.2	39.8	41.8	
7	62.9	61.8	61.8	62.2	5.5	12.7	8.6	8.9	13.3	4.7	6.23	6.75	5.78	6.25	92	61	69	74	29.2	39.2	42.7	1
8	62.5	61.0	60.6	61.4	4.5	15.9	10.7	10.4	16.6	3.8	6.10	5.56	5.53	5.73	97	41	57	65	32.4	42.0	44.5	1
9	59.3	57.6	57.2	58.0	5.2	11.5	6.2	7.6	11.6	4.6	6.51	7.34	6.99	6.95	99	72	99	90	9.0	10.2	40.2	
10	56.6	56.2	58.5	57.1	6.6	11.7	8.1	8.8	16.8	6.0	7.18	7.70	6.84	7.24	99	75	85	86	27.2	36.4	45.5	
1 inci onluk	**61.5**	**60.5**	**61.0**	**61.0**	**6.1**	**12.2**	**7.2**	**8.5**	**13.7**	**4.9**	**6.50**	**6.80**	**6.38**	**6.56**	**92**	**65**	**85**	**81**	**26.8**	**35.4**	**43.2**	**8**
11	61.1	63.5	66.8	63.8	7.9	8.7	5.6	7.4	9.3	4.2	7.52	6.37	4.64	6.18	94	76	68	79	15.2	19.0	25.2	
12	69.0	70.2	69.8	69.7	6.9	10.7	4.7	7.4	10.9	2.7	6.04	4.22	3.98	4.75	81	44	62	62	28.4	38.8	42 2	1
13	68.7	67.1	66.0	67.3	7.5	13.9	10.0	10.5	14.8	3.8	5.57	5.33	4.95	5.28	71	45	53	56	30.2	40.2	42.2	1
14	66.0	65.2	65.4	6.55	10.7	16.7	11.4	12.9	17.8	8.7	7.46	7.95	6,12	7.18	78	55	60	64	32.8	42.4	44.8	1
15	65.8	64.3	64.4	64.8	11.5	20.5	15.9	16.0	23.6	9.8	7.34	6.09	5.56	6.33	72	34	41	49	36.0	45.6	47.0	1
16	64.7	63.9	64.1	64.2	13.1	20.6	15.6	16.4	21.3	10.2	8.45	8.16	6.84	7.82	75	44	52	57	36.2	45.4	48.0	1
17	64.1	62.0	61.6	62.6	15.3	22.3	17.6	18.4	23.0	12.2	7.89	10.13	7.03	8.35	61	50	47	53	37.4	46.6	48.4	1
18	59.3	57.9	5.77	58.3	14.4	20.7	14.5	16.5	21.6	12.3	8.29	8.45	7.12	7.95	67	45	57	56	30.8	36.6	47.0	
19	56.9	57.2	59.3	57.8	13.1	13.7	10 3	12.4	19.3	10.0	6.51	8.71	8.76	7.99	57	74	94	75	25.5	32,0	50.3	
20	63.3	64.8	65.9	64.7	9.7	8.1	5.4	7.7	10.9	5.1	7.13	7.62	6.61	7.12	79	95	99	91	10.2	11.0	24.0	
2 inci onluk	**63.9**	**63.6**	**64.1**	**63.9**	**11.0**	**15.6**	**11.1**	**12.6**	**17.3**	**7.9**	**7.22**	**7.30**	**6.16**	**6.90**	**74**	**56**	**63**	**64**	**28.3**	**35 8**	**41.9**	**8**
21	65.8	64.5	64.8	65.0	5.8	12.0	7.7	8.5	13.0	3.7	6.06	5.31	4.21	5.19	88	51	53	64	29.0	39.0	45.0	1
22	65.3	65.3	64.7	65.1	10.3	12.0	9.9	10.7	16.6	5.6	3.49	4.09	4.04	3.87	37	39	43	40	19.0	23.0	43.4	
23	61.2	56.8	54.5	57.5	10.1	17.8	18.2	15.4	20.6	7.4	5.33	8.48	7.06	6 96	58	55	45	53	27.6	33.1	42.2	
24	51.4	50.5	53.5	51.8	16.4	21.3	16.9	18.2	21.8	10.0	8.91	8.93	10.77	9.54	64	47	75	62	23.8	26.6	32.0	
25	55.8	56.9	59.0	57.2	14.5	17.7	14.1	15.4	19.8	12.8	8.61	8.14	9.11	8.62	70	54	76	67	23.6	27.0	50.2	
26	60.1	59.9	61.9	60.6	14.9	20.0	13.5	16.1	21.4	12.0	9.15	9.77	8.21	9.04	72	56	71	66	32.4	39.5	51.6	
27	64.3	63.2	64.3	63.9	11.7	21.8	13.1	15.5	22.1	10.0	8.17	8.42	7.83	8.14	80	43	69	64	37.2	46.6	49.7	12
28	64.0	63.1	63.6	63.6	10.3	15.3	10.5	12.0	16.6	8.7	9.00	10.09	9.12	9.40	96	78	96	90	32.0	41.6	45.2	12
29	63.2	61.7	61.2	62.0	10.5	15.3	11.7	12.5	15.3	9.7	9.24	9.69	9.03	9.32	97	75	88	87	24.6	30.0	33.5	
30	60.6	59.2	59.0	59.6	10.7	13.3	9.7	11.2	15.0	8.9	9.37	8.94	8.17	8.83	97	78	91	89	20.8	25.0	32.8	2
3üncü onluk	**61.2**	**60.1**	**60.7**	**60.6**	**11.5**	**16.7**	**12.5**	**13.6**	**18.2**	**8.9**	**7.73**	**8.19**	**7.76**	**7.89**	**76**	**58**	**71**	**68**	**27.0**	**33.1**	**42.6**	**57**
Toplam Aylık																						226
Ortalama	62.2	61.4	61.9	61.8	9.5	14.8	10.3	11.5	16.4	7.2	7.15	7.43	6.76	7.11	81	5[illegible]	73	71	27.4	34.8	42.6	

vril 1939

Tarih — *Date*	Rüzgâr — *Vent*																			Bulut — *Nuage*	Yağmur (7 den 7 ye) *Pluie*	Kar (7 den 7 ye) *Neige*	Düşünceler *Remarques*
	Frekans — *Fréquence*								Süre — *Durée* [*]									Hız *Vitesse*					
	N	NE	E	SE	S	SW	W	NW	N	NE	E	SE	S	SW	W	NW	Durgun	m/s.		mm.	cm.	
1	2	5	3	—	1	2	—	1	20	56	10	—	1	12	—	1	—	3.5	2.0			
2	5	5	3	—	—	—	—	1	48	31	17	—	—	—	—	4	—	4.7	2.7			⊃ ⊃
3	4	3	—	—	—	—	—	—	65	35	—	—	—	—	—	—	—	5.2	8.0			⊃
4	5	4	—	—	—	—	—	—	83	17	—	—	—	—	—	—	—	7.0	7.7			
5	5	5	1	—	—	—	—	—	68	31	1	—	—	—	—	—	—	5.8	6.0			
6	7	6	1	—	—	—	1	1	48	44	1	—	—	—	1	2	4	4.4	3.3			
7	3	3	1	—	—	—	—	—	42	53	4	—	—	—	—	—	1	4.3	3.3			
8	5	4	—	—	—	—	—	—	54	46	—	—	—	—	—	—	—	4.9	0.7			≡
9	3	2	—	—	1	—	1	1	81	5	—	—	1	—	2	2	9	6.2	7.3			≡
10	3	2	—	—	—	—	—	—	94	4	—	—	—	—	—	—	2	4.7	9.3			≡
Onuncu luk	**42**	**39**	**9**	**—**	**2**	**2**	**2**	**4**	**60**	**32**	**4**	**—**	**—**	**1**	**—**	**1**	**2**	**5.1**	**5.0**			
11	2	1	—	—	—	—	—	2	64	19	—	—	—	—	—	5	12	5.6	7.0	0.9		● ≈
12	1	1	2	2	1	1	—	—	34	3	9	28	6	5	—	—	15	4.8	1.7			
13	—	—	—	—	1	2	—	—	—	—	—	—	23	73	—	—	4	2.7	0.0			
14	2	1	—	—	3	4	1	1	12	1	—	—	8	28	2	1	43	3.2	1.0			
15	1	—	1	1	1	2	1	1	5	—	5	11	16	33	1	1	28	1.5	0.0			
16	—	—	—	—	2	3	—	—	—	—	—	—	49	47	—	—	4	2.6	0.0			≈ ≈
17	—	—	1	1	2	2	1	—	—	—	5	19	15	25	1	—	35	2.6	0.0			≈
18	1	—	—	—	1	2	1	—	1	—	—	—	24	11	3	—	61	1.5	6.0			
19	1	—	—	—	—	—	—	—	100	—	—	—	—	—	—	—	—	5.6	5.7			
20	3	3	2	—	—	—	—	—	57	36	6	—	—	—	—	—	1	7.7	10.0	2.6		● /
Onuncu luk	**11**	**6**	**6**	**4**	**11**	**16**	**4**	**4**	**27**	**6**	**2**	**6**	**14**	**22**	**1**	**1**	**21**	**3.8**	**3.1**	**3.5**		
21	2	2	4	3	—	—	—	—	41	14	18	10	—	—	—	—	17	5.0	0.7			
22	1	1	3	2	—	—	—	—	25	10	49	12	—	—	—	—	4	3.8	1.0			
23	3	5	2	4	2	—	—	—	44	24	3	21	4	—	—	—	4	3.7	10.0	0.3		
24	—	—	—	1	3	3	1	—	—	—	—	17	50	29	2	—	2	4.7	9.7	0.2		● ≈
25	—	—	—	1	1	2	1	—	—	—	--	4	13	11	22	—	50	5.9	7.0			/
26	1	3	2	—	—	1	1	2	12	41	10	—	—	10	1	5	21	1.7	4.3			
27	3	6	4	—	—	—	—	—	25	58	17	—	—	—	—	—	—	3.1	1.3			
28	2	2	—	—	—	—	—	—	35	65	—	—	—	—	—	—	—	5.1	1.7			≡
29	4	4	—	—	—	—	—	—	52	48	—	—	—	—	—	—	—	4.0	6.7	0.5		
30	2	1	1	—	—	—	1	—	37	35	2	—	—	—	7	—	19	3.6	6.7			●
Onüncü uk	**18**	**24**	**16**	**11**	**6**	**6**	**4**	**2**	**27**	**29**	**10**	**6**	**7**	**5**	**3**	**1**	**12**	**4.1**	**4.9**	**1.0**		
Ayın lik ama	**71**	**69**	**31**	**15**	**19**	**24**	**10**	**10**												**4.5**		
									38	**23**	**5**	**4**	**7**	**10**	**1**	**1**	**11**	**4.3**	**4.4**			

[*] Bir gün zarfında her hangi bir yönden esen rüzgârın devam müddetinin gün müddetine nisbetinin yüzdesi — *Pour centage de la proportion de la durée de chaque direction du vent à 24 h.*

Tarih — *Date*	Barometre (O° ye vo O. D. S.) 700 mm + ...				Sıcaklık G° *Température*						Buhar gerilimi *Tension de la vap.* mm.				Bağıl nem % *Humidité relat.*				Aktinom C°		Güneşte Mak. *Max. noir*	Güneşlenme
	7	14	21	Or. *Moy.*	7	14	21	Or. *Moy.*	Mak *Max*	Min. *Min*	7	14	21	Or. *Moy.*	7	14	21	Or. *Moy.*	Beyaz *Blanc*	Siyah *Noir*		Sa: *h*
1	59.2	59.5	61.0	59.9	9.9	15.5	11.1	11.5	17.4	7.9	8.76	9.85	8.65	9.09	96	85	88	90	23.6	29.4	42.5	4
2	62.2	61.9	61.6	61.9	11.5	17.4	14.1	14.3	20.0	9.2	9.15	8.84	8.10	8.70	90	59	67	72	31.4	39.2	46.8	9
3	59.8	57.0	56.6	57.8	15.9	26.1	19.7	20.6	27.2	11.6	8.04	7.59	8,02	7.88	60	30	46	45	36.8	43.7	53.2	7
4	57.9	57.6	58.5	58.0	15.7	22.1	19.7	19.2	24.2	11.9	9.19	5.53	5.79	6.84	69	28	34	44	28.4	32.4	53.3	5
5	54.9	52.6	55.0	54.2	22.5	28.4	17.3	22.7	29.0	16.9	8.01	7.10	10.95	8.69	39	25	74	46	35.6	40.0	51.8	0
6	56.6	57.4	59.7	57.9	14.5	20.8	15.5	16.9	22.0	13.8	9.39	9.43	8.79	9.20	76	51	66	64	36.4	45.8	47.5	10
7	61.8	61.4	62.1	61.8	16.1	22.0	15.7	17.9	22.6	13.5	8.18	8.16	9.19	8.51	60	41	69	57	37.2	46.8	48.0	10
8	63.1	62.0	62.2	62.4	15.1	22.1	16.1	17.8	24.0	12.4	9.68	9.38	7.41	8.82	76	47	54	59	37.4	46.8	49.0	13
9	62.4	62.6	63.9	63.0	13.7	17.3	12.2	14.4	18.2	11.8	10.38	10.81	10.36	10.52	89	73	98	87	33.8	43.2	46.5	11
10	64.4	63.7	63.9	64.0	13.4	18.2	12.3	14.6	19.7	11.6	9.65	10.97	9.91	10.18	84	70	93	82	35.2	44.6	49.0	8
1 inci onluk	**60.2**	**59.6**	**60.5**	**60.1**	**14.8**	**20.8**	**15.4**	**17.0**	**22.4**	**12.1**	**9.04**	**8.77**	**8.72**	**8.84**	**74**	**51**	**69**	**65**	**33.6**	**41.2**	**48.8**	**81**
11	61.7	61.9	60.0	61.2	12.1	18.6	18.3	16.3	25.6	11.0	10.55	12.17	10.36	11.03	100	76	66	81	26.0	30.0	45.0	4
12	58.8	58.7	57.8	58.4	18.5	18.9	13.8	17.1	19.1	13.0	10.52	11.85	11.24	11.20	66	73	95	78	32.6	40.2	46.6	6
13	57.0	56.0	59.5	57.5	17.3	21.5	13.8	17.5	23.4	13.2	10.81	8.18	10.32	9.77	73	42	88	68	28.2	32.0	50.4	-
14	62.1	63.5	63.5	63.0	14.1	21.1	16.6	17.3	22.3	12.2	10.67	8.84	9.45	9.65	89	47	67	68	37.4	46.8	50.8	13
15	62.7	61.6	60.4	61.6	18.2	23.6	21.0	20.9	25.6	14.4	9.04	7.63	8.69	8.45	58	35	47	47	35.4	42.4	52.3	10
16	59.7	59.5	59.9	59.7	20.5	19.6	14.1	18.1	22.4	13.0	8.77	11.29	10.40	10.15	48	67	87	67	36.4	46.0	48.3	9
17	59.5	59.0	59.1	59.2	15.3	18.1	13.6	15.7	19.6	11.3	10.62	11.46	9.49	10.49	82	74	81	79	34.6	44.0	51.8	12
18	59.2	58.7	58.9	58.9	12.9	17.1	12.4	14.1	18.2	10.8	9.31	11.07	10.24	10.21	84	76	95	85	33.8	43.4	51.9	10
19	57.4	55.8	56.1	56.4	14.4	17.7	16.7	16.3	20.3	11.5	11.42	11.99	10.75	11.39	93	79	75	82	33.6	43.0	46.5	12
20	56.6	55.5	54.8	55.6	14.1	26.9	20.2	20.4	28.5	12.4	12.01	8.88	10.07	10.32	100	34	56	63	41.8	48.0	53.0	1
2 inci onluk	**59.5**	**59.0**	**59.0**	**59.2**	**15.7**	**20.3**	**16.1**	**17.4**	**22.5**	**12.3**	**10.37**	**10.34**	**10.09**	**10.27**	**79**	**60**	**76**	**72**	**34.0**	**41.6**	**49.7**	**9**
21	51.8	49.8	52.7	51.4	14.4	22.8	19.7	19.0	24.0	11.8	10.62	12.70	12.55	11.96	87	61	73	74	38.6	47.6	50.8	1
22	54.9	56.7	58.7	56.8	18.8	22.4	18.3	19.8	25.4	15.9	9.50	8.91	8.58	9.00	58	43	54	52	33.4	39.6	54.8	3
23	60.4	60.2	59.7	60.1	17.4	24.5	19.0	20.3	26.0	14.2	9.93	8.24	8.03	8.73	67	36	48	50	39.7	49.0	51.2	1
24	59.7	59.0	59.2	59.3	17.5	24.2	18.7	20.1	25.3	15.2	11.67	7.42	8.61	9.23	78	32	54	55	39.4	48.8	49.4	1
25	57.3	56.0	56.8	56.7	19.1	24.8	17.8	20.6	25.4	15.4	9.33	8.21	10.37	9.30	56	35	68	53	38.7	47.2	52.3	
26	57.6	58.1	59.0	58.2	15.5	18.8	15.3	16.5	20.3	13.7	11.18	11.91	10.76	11.28	85	74	83	81	33.8	42.8	48.6	
27	58.9	58.2	57.8	58.3	16.0	19.9	15.3	17.1	22.6	14.5	12.00	10.39	11.03	11.14	88	59	85	77	35.0	42.0	52.8	
28	57.5	57.3	57.7	57.5	15.9	18.5	16.2	16.9	22.8	14.0	12.34	11.51	11.88	11.91	91	73	86	83	27.8	33.2	51.0	
29	58.0	58.9	59.6	58.8	18.8	19.9	15.7	18.1	23.1	13.2	12.20	12.28	12.73	12.40	75	71	96	81	35.4	40.8	54.0	
30	60.4	61.3	62.9	61.5	17.3	20.0	16.0	17.8	21.0	14.0	12.22	11.78	12.00	12.00	83	67	88	79	36.2	45.6	49.5	1
31	63.7	63.5	63.5	63.6	17.3	20.5	16.3	18.0	24.2	14.2	12.22	12.82	12.38	12.47	83	71	89	81	36.4	45.6	51.1	1
3 üncü onluk	**58.2**	**58.1**	**58.9**	**58.4**	**17.1**	**21.5**	**17.1**	**18.6**	**23.6**	**14.2**	**11.20**	**10.56**	**10.81**	**10.86**	**77**	**57**	**75**	**70**	**35.9**	**43.8**	**51.4**	**10**
Toplam																						28
Aylık Ortalama	59.3	58.9	59.4	59.2	15.9	20.9	16.2	17.7	22.9	12.9	10.24	9.91	9.90	10.02	77	56	73	69	34.5	42.3	50.0	

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Tarih — *Date*	Rürgâr — *Vent*																			Bulut — *Nuage*	Yağmur (7 den / 7 ye) *Pluie* mm.	Kar (7 den / 7 ye) *Neige* cm.	Düşünceler
	Frekans — *Fréquence*								Süre — *Durée* [*]									Hız *Vitesse* m/s.					
	N	NE	E	SE	S	SW	W	NW	N	NE	E	SE	S	SW	W	NW	Dingun						
1	1	—	—	1	1	3	1	—	2	—	—	1	4	37	2	—	54	1.7	6.7	2.5			T ≤ ≡ ●
2	1	—	2	2	—	1	1	—	1	—	32	21	—	27	2	—	17	1.9	5.3	—			
3	—	—	—	1	2	—	—	—	—	—	—	5	45	—	—	—	50	8.2	6.3	—			
4	—	—	2	3	4	1	—	—	—	—	13	45	23	1	—	—	18	3.1	7.3	—			∞ ⟋
5	—	—	—	2	4	2	—	—	—	—	—	23	33	44	—	—	—	9.0	10.0	2.8			● ⟋
6	—	—	—	—	2	4	2	—	—	—	—	—	15	69	16	—	—	8.4	3.0	—			● ⟋
7	—	—	—	—	1	4	2	—	—	—	—	—	45	43	8	—	4	5.6	1.3	—			⟋
8	3	3	1	—	—	1	—	—	30	28	19	—	—	21	—	—	2	2.9	1.0	—			∞ ⊃
9	1	—	—	—	—	—	—	—	100	—	—	—	—	—	—	—	—	5.8	1.3	—			≡
10	6	4	5	1	—	—	—	—	72	11	13	4	—	—	—	—	—	4.1	4.7	—			
inci aluk	**12**	**7**	**8**	**10**	**14**	**16**	**6**	**—**	**21**	**4**	**8**	**10**	**16**	**24**	**3**	**—**	**14**	**5.1**	**4.7**	**5.3**			
11	2	6	6	3	1	—	—	1	30	15	19	21	2	—	—	5	8	3.4	10.0	(*) 0.2			≡ (* Sisten)
12	1	1	1	1	2	2	—	—	34	5	15	2	28	10	—	—	6	3.3	4.3	—			
13	2	3	2	—	2	6	3	—	8	4	4	—	5	67	10	—	2	4.4	5.3	2.5			≤ T ●
14	—	—	—	—	4	3	—	—	—	—	—	—	46	37	—	—	17	2.6	0.3	—			⊃
15	1	—	—	—	1	1	1	1	17	—	—	—	22	28	4	8	21	1.9	5.7	—			∞
16	3	4	2	—	—	—	—	—	58	37	5	—	—	—	—	—	—	4.9	4.7	—			
17	3	3	1	—	—	—	—	—	56	33	9	—	—	—	—	—	2	5.3	2.3	—			⊃
18	4	3	—	—	—	—	—	—	90	10	—	—	—	—	—	—	—	5.1	3.0	—			
19	5	7	3	2	1	—	—	—	54	22	6	6	1	—	—	—	11	5.1	7.0	1.9			T ⌒ ●
20	3	3	1	—	—	1	—	—	25	33	19	—	—	23	—	—	—	3.5	0.0	—			≡
inci aluk	**24**	**30**	**16**	**6**	**11**	**13**	**4**	**2**	**37**	**16**	**8**	**3**	**10**	**17**	**1**	**1**	**7**	**4.0**	**4.3**	**4.6**			
21	1	—	—	—	4	5	1	1	33	—	—	—	18	43	1	1	4	4.9	0.3	—			⊃
22	—	—	—	—	2	4	1	—	—	—	—	—	33	52	15	—	—	7.1	5.7	—			⌣ ⟋
23	—	—	—	—	5	6	—	—	—	—	—	—	22	66	—	—	12	4.1	5.0	—			
24	—	—	—	1	2	2	—	—	—	—	—	8	38	50	—	—	4	4.7	0.7	—			
25	3	—	1	1	2	3	2	3	42	—	2	3	9	33	3	6	2	3.9	4.7	—			
26	1	—	—	—	3	4	1	1	18	—	—	—	18	48	2	2	12	3.1	6.7	6.9			●
27	1	—	—	—	1	3	—	—	13	—	—	—	50	33	—	—	4	2.9	8.3	0.6			T ●
28	3	1	2	—	1	1	—	1	26	1	28	—	2	4	—	7	32	2.4	4.0	—			⊃ T
29	5	6	3	—	—	—	—	1	37	49	10	—	—	—	—	2	2	2.9	3.0	0.2			● ≤ T ∞ ⊃
30	3	4	3	—	—	—	—	1	35	47	16	—	—	—	—	2	—	5.0	2.7	—			T
31	1	3	2	—	—	—	—	—	17	80	3	—	—	—	—	—	—	4.7	3.3	—			
incü aluk	**18**	**14**	**11**	**2**	**20**	**28**	**5**	**8**	**20**	**16**	**5**	**1**	**17**	**30**	**2**	**2**	**7**	**4.2**	**4.0**	**7.7**			
pplam ylık talama	**54**	**51**	**35**	**18**	**45**	**57**	**15**	**10**												**17.6**			
									26	**12**	**7**	**4**	**15**	**24**	**2**	**1**	**9**	**4.4**	**4.3**				

[*] Bir gün zarfında her hangi bir yönden esen rüzgârın devam müddetinin gün müddetine nisbetinin yüzdesi. — *Pour centange de la proprotion de la durée de chaque direction du vent à 24 h.*

Tarih — *Date*	Barometre (O° ye ve O. D. S.) 700 mm + ...				Sıcaklık C° *Température*						Buhar gerilimi *Tension de la vap.* mm.				Bağıl nem % *Humidité relat.*				Aktinom. C°		Güneşte Mak. *Max. noir*	Yağışlama
	7		21	Or. *Moy.*	7	14	21	Or. *Moy.*	Mak *Max*	Min. *Min*	7	14	21	Or. *Moy.*	7	14	21	Or. *Moy*	Beyaz *Blanc*	Siyah *Noir*		S.
1	61.1	59.5	58.7	59.8	17.0	20.7	17.5	18.4	24.0	14.6	12.11	12.71	12.82	12.55	83	70	86	80	32.0	38.0	53.8	
2	56.9	54.7	55.0	55.4	16.7	20.4	16.5	17.9	21.2	15.7	13.29	13.50	13.12	13.30	94	76	94	88	38.4	48.6	52.7	
3	56.7	58.9	60.2	58.6	17.9	15.3	14.1	15.8	20.9	13.8	13.47	11.72	9.62	11.60	88	90	80	86	18.8	20.4	34.8	
4	60.5	59.9	60.0	60.1	14.7	19.4	14.4	16.2	20.5	11.8	9.66	7.53	5.86	7.68	78	44	47	56	35.4	44.8	46.5	1
5	58.8	58.7	59.7	59.1	15.9	16.3	14.4	15.5	21.6	12.0	10.14	12.10	11.42	11.22	75	87	93	85	20.0	23.0	43.5	
6	60.6	61.8	62.8	61.7	15.1	18.0	14.5	15.9	18.8	13.6	9.16	9.29	11.10	9.85	71	61	90	74	35.2	44.8	50.9	
7	61.8	61.6	61.8	61.7	14.8	17.4	15.7	16.0	17.6	13.6	11.60	12.16	12.45	12.07	92	82	93	89	22.4	25.4	30.4	
8	60.2	59.0	59.6	59.6	15.5	20.3	15.9	17.2	21.1	15.0	13.00	13.25	12.90	13.05	99	74	96	90	34.8	43.2	48.8	
9	57.2	57.1	58.5	57.6	15.5	21.4	15.7	17.5	22.6	14.5	12.57	13.22	12.45	12.75	96	69	93	86	36.8	46,0	52.8	
10	58.9	58.6	5.97	59.1	16.0	21.6	16.7	18.1	23.6	14.7	13.13	13.41	12.43	12.99	9	69	88	85	36.4	44.4	50.5	
1 inci onluk	**59.2**	**59.0**	**59.6**	**59.3**	**15.9**	**19.1**	**15.5**	**16.9**	**21.2**	**13.9**	**11.81**	**11.89**	**11.42**	**11.71**	**87**	**72**	**86**	**82**	**31.0**	**37.9**	**46.5**	**5**
11	60.0	60.0	60.4	60.1	16.4	23.3	18.2	19.3	24.9	13.7	13.77	13.82	10.97	12.85	99	65	70	78	38.8	48.0	49.8	
12	59.8	59.0	59.0	59.3	19.4	26.4	21.8	22.5	27.3	15.2	12.88	12.63	11.76	12.42	77	49	60	62	40.6	49.6	50.8	1
13	59.4	58.5	58.5	58.8	21.1	29.6	23.3	24.7	31.4	18.0	14.81	14.10	14.96	14.62	79	45	70	65	43.8	52.8	54.7	1
14	58.0	57.4	56.8	57.4	23.6	28.4	23.1	25.0	29.6	19.9	14.94	12.09	13.76	13.60	69	42	66	59	39.0	45.7	56.0	
15	56.4	55.6	56.2	56.1	22.7	28.8	22.9	24.8	31.8	17.2	15.47	16.17	12.64	14.76	75	54	61	63	43.5	53.5	57.2	1
16	56.4	55.9	55.6	56.0	19.3	22.8	17.3	19.8	23.8	15.5	13.69	13.64	12.94	13.42	82	66	88	79	38.0	47.0	51.0	1
17	55.5	55.4	55.4	55.4	19.2	27.3	21.7	22.7	29.2	15.4	14.36	9.41	10.33	11.37	87	35	53	58	42.0	53.0	53.5	1
18	55.3	56.6	55.7	56.2	21.9	25.4	20.6	22.6	27.5	17.8	13.70	12.10	12.92	12.91	69	50	71	63	34.0	39.5	52.3	
19	56.8	57.5	57.4	57.2	18.6	23.8	19.3	20.6	26.0	16.5	12.17	15.83	14.46	14.15	76	72	87	78	36.4	44.6	55.6	
20	57.2	57.0	57.0	57.1	20.8	23.3	19.5	21.2	23.8	17.2	16.27	13.82	14.34	14.81	89	65	85	80	35.6	42.8	53.5	
2 inci onluk	**57.6**	**57.3**	**57.2**	**57.4**	**20.3**	**25.9**	**20.8**	**22.3**	**27.5**	**16.6**	**14.21**	**13.36**	**12.91**	**13.49**	**80**	**54**	**71**	**68**	**39.2**	**47.7**	**53.4**	**97**
21	57.4	56.6	55.9	56.6	19.2	23.5	20.1	20.9	25.4	16.3	14.67	15.50	14.14	14.77	88	72	80	80	34.8	41.8	52.3	7
22	55.5	54.1	54.4	54.7	20.7	25.4	20.1	22.1	26.5	17.5	14.57	16.24	14.60	15.14	80	67	83	77	41.6	50.4	57.2	7
23	53.9	53.4	54.3	53.9	20.0	25.4	20.5	22.0	27.3	17.3	16.10	15.05	14.68	15.28	92	62	82	79	40.4	48.9	53.9	7
24	55.1	56.4	58.6	56.7	21.8	25.5	19.1	22.1	28.1	18.0	17.69	14.48	11.87	14.68	91	59	72	74	30.8	34.0	54.0	7
25	59.9	60.3	60.7	60.3	21.5	30.1	26.4	26.0	31.2	18.5	11.93	12.94	10.87	11.91	62	41	41	48	44.0	53.4	56.3	13
26	62.1	62.2	62.4	62.2	26.7	30.3	24.8	27.3	31.3	22.1	13.27	18.84	11.20	14.44	51	58	48	52	46.0	53.8	56.2	13
27	61.2	59.0	58.1	59.4	23.5	31.6	22.5	25.9	34.0	20.2	8.83	12.40	11.34	10.86	41	36	56	44	16.6	55.0	58.8	13
28	57.0	58.3	60.1	58.5	23.9	25.0	22.6	23.8	27.7	19.2	15.60	17.70	18.07	17.12	70	75	88	78	40.6	49.6	53.0	13
29	60.9	61.7	63.4	62.0	23.0	25.3	22.5	23.6	27.0	20.8	17.49	18.97	17.96	18.14	83	79	89	84	38.5	46.1	55.0	10
30	62.6	61.2	60.7	61.5	23.5	26.7	22.7	24.3	27.6	21.2	17.88	18.14	17.67	17.90	83	70	86	80	40.0	47.6	54.2	12
Üçüncü onluk	**58.6**	**58.3**	**58.9**	**58.6**	**22.4**	**26.9**	**22.1**	**23.8**	**28.6**	**19.1**	**14.80**	**16.03**	**14.24**	**15.02**	**74**	**62**	**73**	**70**	**40.3**	**48.1**	**55.1**	**108**
Toplam Aylık																						258
Ortalama	**58.5**	**58.2**	**58 6**	**58.4**	**19.5**	**24.0**	**19.5**	**21.0**	**25.8**	**16.6**	**13.61**	**13.76**	**12.86**	**13.41**	**81**	**63**	**77**	**73**	**36.8**	**44.5**	**51.7**	

uin 1939

Tarih — *Date*	Rüzgâr — *Vent*																	Bulut — *Nuage*	Yağmur (7 den / 7 ye) mm. *Pluie*	Kar (7 den / 7 ye) cm. *Neige*	Düşünceler
	Frekans — *Fréquence*								Süre — *Durée* [*]								Hız m/s. *Vitesse*				
	N	NE	E	SE	S	SW	W	NW	N	NE	E	SE	S	SW	W	NW	Durgun				
1	1	3	2	—	—	—	—	—	13	76	3	—	—	—	—	—	8	5.0	7.7	4.3	
2	4	2	—	—	1	1	—	1	77	19	—	—	1	2	—	1	—	5.8	9.3	4.2	
3	1	1	—	—	—	—	—	—	98	2	—	—	—	—	—	—	—	8.6	10.0	6.2	
4	2	—	1	1	1	2	—	—	41	—	7	5	8	14	—	—	25	6.2	1.0	—	
5	2	1	1	—	—	1	1	—	86	1	4	—	—	8	1	—	—	3.2	10.0	0.3	
6	4	4	—	—	—	—	—	—	58	42	—	—	—	—	—	—	—	7.7	7.3	3.0	
7	5	6	—	—	—	—	—	—	54	44	—	—	—	—	—	—	2	6.9	9.7	20.3	
8	3	1	1	1	—	—	—	2	79	1	1	3	—	—	—	5	11	4.7	9.3	5.1	
9	3	1	—	—	4	6	2	2	14	2	—	—	20	47	4	5	8	3.0	5.7	—	
10	3	—	—	—	1	3	2	1	18	—	—	—	2	47	8	1	24	2.9	7.3	0.7	
inci aluk	28	19	5	2	7	13	5	6	54	19	1	1	3	12	1	1	8	5.4	7.7	44.1	
11	1	1	—	—	1	3	—	—	16	4	—	—	15	38	—	—	27	2.4	4.3	(*) 0.1	(* Sisten)
12	—	—	—	—	1	2	—	—	—	—	—	—	53	47	—	—	—	3.6	1.0	—	
13	—	—	1	2	1	3	—	—	—	—	2	27	1	40	—	—	30	3.0	0.3	—	
14	1	1	1	—	1	1	1	1	10	2	17	—	6	15	2	2	46	1.8	4.3	—	
15	3	1	—	—	—	1	1	2	62	2	—	—	—	13	1	4	18	2.2	0.0	—	
16	2	1	1	1	1	—	—	—	46	4	2	2	15	—	—	—	33	4.0	4.0	—	
17	—	—	—	1	4	4	1	1	—	—	—	4	21	36	10	2	27	2.5	0.0	—	
18	5	5	1	4	—	3	2	4	30	11	9	8	—	21	5	7	9	2.0	4.7	8.3	
19	1	—	—	—	1	3	2	2	11	—	—	—	9	35	14	10	21	2.8	5.3	—	
20	—	1	—	1	3	5	2	—	—	1	—	1	17	43	5	—	33	1.9	5.0	(*) 0.1 5.6	(* Sisten)
inci aluk	13	10	4	9	13	25	9	10	18	2	3	4	13	29	4	3	24	2.6	2.9	14.1	
21	—	—	—	—	2	3	—	—	—	—	—	—	3	39	—	—	58	2.2	2.7	—	
22	2	—	—	—	1	5	3	4	22	—	—	—	4	34	6	13	21	1.5	6.3	2.7	
23	—	—	—	—	2	6	2	—	—	—	—	—	30	64	4	—	2	2.7	7.3	—	
24	2	2	1	2	1	3	1	2	5	2	15	13	4	27	1	6	27	3.5	2.7	2.1	
25	1	—	1	1	1	1	—	—	4	—	2	11	1	33	—	—	49	1.9	0.3	—	
26	1	2	2	—	—	—	—	—	31	16	53	—	—	—	—	—	—	3.6	0.0	—	
27	4	8	7	1	—	—	—	—	17	31	44	4	—	—	—	—	4	3.3	0.3	—	
28	2	1	—	—	—	—	—	1	71	25	—	—	—	—	—	4	—	5.7	2.0	—	
29	3	2	—	—	—	—	—	—	90	10	—	—	—	—	—	—	—	7.6	6.7	—	
30	5	3	—	—	—	—	—	—	33	67	—	—	—	—	—	—	—	6.0	8.0	—	
incü aluk	20	18	11	4	7	18	6	7	27	15	12	3	4	20	1	2	16	3.8	3.6	4.8	
oplam Aylık calama	61	47	20	15	27	56	20	23	33	12	5	3	7	20	2	2	16	3.9	4.7	63.0	

[*] Bir gün zarfında her hangi bir yönden esen rüzgârın devam müddetinin gün müddetine nisbetinin yüzdesi. — *Pour centage de la proportion de la durée de chaque direction du vent à 24 h.*

Basınç

700 mm. + ...

Nisan 1939 — *Avril 1939*

Gün *Jour*	SAAT — *HEURE*																							Ortalama *Moyen*
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	63.0	63.1	63.1	62.9	63.1	63.3	63.4	63.4	63.4	63.5	63.6	6 .3	62.8	62.2	62.0	61.8	61.7	61.8	61.9	62.0	62.4	62.3	62.0	62.1	62.7
2	62.0	61.8	61.7	61.5	61.6	61.7	61.9	62.3	62.2	62.2	62.1	62.0	61.7	61.4	61.3	61.2	61.3	61.6	62.0	62.2	62.3	62.3	62.3	62 4	61.9
3	62.3	62.2	62 1	61.9	61.9	61.8	61.8	61.5	61.4	61.5	61.7	61.2	60.9	60.6	60.5	60.4	60.6	60.5	60.7	60.8	61.1	61.0	60.9	60.9	61.3
4	60.9	60.9	60.7	60.5	60.4	60.4	61.0	61.1	61.1	61.2	61.1	61.1	60.9	60.6	60.6	60.8	60.8	60.9	61.0	61.4	61.7	61.8	61.7	61.7	61.0
5	61.8	61.7	61.5	61.4	61.6	61.9	62.2	62.3	62.4	62.8	62.6	62.3	61.9	61.5	61.3	61.3	61.6	61.7	61.9	62.1	62.3	62.4	62.4	62.4	62.0
6	62.4	62.6	62.8	62.9	63.0	63.1	63.5	63.5	63.5	63.4	63.2	63.0	62.6	62.0	61.8	61.5	61.4	61.6	61.8	62.0	62.1	62.2	62.3	62.2	62.5
7	62.2	62.1	62.0	62.1	62.2	62.4	62.9	62.8	62.9	63.0	62.6	62.3	62.1	61.8	61.5	61.3	61.2	61.2	61.2	61.6	61.8	61.9	62.0	62.0	62.1
8	62.0	62.0	62.0	61.8	61.7	61.9	62.5	62.4	62.3	62.2	62.1	61.4	61.3	61.0	60.9	60.8	60.7	60.7	60.6	60.6	60.6	60.2	59.9	59.7	61.3
9	59.7	59.6	59.9	59.8	59.6	59.5	59.3	59.2	59.1	58.7	58.5	58.6	58.4	57.6	57.3	56.8	56.7	56.6	56.6	56.7	57.2	57.2	57.3	56.8	58.2
10	57.0	55.4	56.4	56.4	56.3	56.5	56.6	56.5	56.5	56.5	56.5	56.5	56.4	56.2	55.9	55.8	56.8	56.9	57.4	57.9	58.5	58.7	59.1	59.2	56.9
1 inci onluk	613.3	611.4	612.2	611.2	611.4	612.5	615.1	615.0	614.8	615.0	614.0	611.7	609.0	604.9	603.1	601.7	602.8	603.5	605.1	607.3	610.0	610.0	609.9	609.4	61.0
11	59.4	59.5	59.7	59.9	60.3	60.7	61.1	61.4	61.8	62.4	62.7	63.0	63.2	63.5	63.9	64.2	64.9	65.2	65.5	66.1	66.8	67.0	67.2	67.5	63.2
12	67.8	67.9	68.0	68.1	68.2	68.4	69.0	69.3	69.8	70.2	70.5	70.4	70.4	70.2	70.1	70.0	69.9	70.0	69.9	69.6	69.8	69.8	69.7	69.4	69.4
13	69.2	69.1	68.8	68.6	68.4	68.3	68.7	68.8	68.8	68.9	68.7	68.2	67.6	67.1	66.8	66.3	66.0	65.8	65.6	65.8	66.0	65.9	65.8	65 8	67.5
14	65.8	65.6	65.5	65.3	65.4	65.7	66.0	66.2	66.2	66.4	66.5	66.0	65.6	65.2	65.0	64.8	64.7	64.5	64.8	65.1	65.4	65.5	65.5	65.5	65.5
15	65.3	65.0	65.1	65.2	65.4	65.6	65.8	65.8	65.9	66.0	65.9	65.3	64.8	64.3	64.0	63.8	63.7	63.7	63.9	64.2	64.4	64.4	64.5	64.5	64.9
16	64.5	64.4	64.3	64.3	64.2	64.5	64.7	65.0	65.0	65.0	65.0	64.6	64.3	63.9	63.6	63.3	63.2	63.3	63.4	63.6	64.1	64.2	64.3	64.1	64.2
17	64.0	63.9	63.8	63.7	63.7	63.9	64.1	64.2	64.0	63.9	63.8	63.3	62.7	62.0	61.6	61.4	61.3	61.2	61.1	61.3	61.6	61.4	61.3	61.0	62.7
18	60.8	60.2	59.8	59.4	59.3	59.2	59.3	59.3	59.2	59.2	59.0	58.8	58.3	57.9	57.5	57.2	57.0	66.8	57.0	57.5	57.7	57.6	57.4	57.3	58.5
19	67.1	56.9	56.7	56.4	56.5	56.6	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.0	57.2	57.3	67.6	58.0	58.8	59.3	59'9	60.2	60.4	57.6
20	60.5	60.8	61.2	61.7	62.2	62.6	63.3	63.4	63.5	64.1	64.2	64.3	64.4	64.8	64.7	64.6	64.8	65.1	65.3	65.8	65.9	66.0	66.0	66.0	64.0
2 inci onluk	634.4	633.3	632.9	632.6	633.6	635.5	638.9	640.6	641.4	643.3	643.5	641.1	638.6	636.1	634.2	632.8	632.8	633.2	634.5	637.8	641.0	641.7	641.9	641.5	63.7
21	66.0	66.0	65.8	65.8	65.7	65.8	65.8	65.9	66.0	66.0	65.7	65.3	64.8	64.5	64.3	64.3	64.1	64.2	64.4	64.7	64.8	64.8	64.7	64.7	65.2
22	64.7	64.7	64.7	64.8	64.9	65.1	65.3	65.5	66.0	66.3	66 0	65.7	65.5	65.3	65.0	64.7	64.7	64.8	64 7	64 7	64.7	64.7	64.6	64.0	65.1
23	63.5	62.8	62.5	62.3	61.5	61.3	61.2	61.0	60.2	60.3	59.3	58.4	57.5	56.8	56.0	55.3	55.0	64.8	54.0	54.5	54.5	53.3	52.8	52.5	58.0
24	52.4	52.0	51.9	52.2	51.8	51.8	51.4	52.2	51.7	52.2	51.5	51.4	50.7	50.5	51.2	50.8	51.3	51.5	51.6	52.5	53.5	54.0	54.3	54.5	52.0
25	54.5	54.2	54.0	54.6	54.7	55.0	55.8	56.0	56.6	56.9	57.0	56.8	56.9	56.9	57.0	57.1	57.2	57.4	57.8	58.1	59.0	59.3	59.5	59.7	56.8
26	59.8	59.8	59.7	59.7	59.7	59.8	60.1	60.5	60.7	60.8	60.9	60.7	60.3	59.9	59.8	60.1	60.6	60.9	61.3	61.5	61.9	62.0	62.1	62.3	60.6
27	62.5	62.6	62.8	63.0	63.5	63.9	64.3	64.7	64.9	64.8	64.5	63.8	63.6	63.2	63.0	63.2	63.3	63.5	63.6	64.0	64.3	04.1	64.1	64.0	63.7
28	63.9	63.8	63.8	63.8	63.9	64.0	64.0	64.1	64.2	64.2	64.0	63.5	63.4	63.1	62.9	62.5	62.5	62.7	63.0	63.5	63.6	63.5	63.3	63.2	63.5
29	62.8	62.8	62.8	62.7	62.7	63.0	63.2	63.3	63.2	63.2	63.2	62.5	62.2	61.7	61.4	61.2	61.0	60.9	61.0	61.2	61.2	61 1	61.1	60.9	62.1
30	60.8	60.5	60 2	60.1	60.2	60.4	60.6	60.7	60.7	60.7	60.5	60.0	59.6	59.2	58.5	58.3	58.3	58.4	58.5	58.7	59.0	58.8	58.7	58.9	59.6
3üncü onluk	610.9	609.2	608.2	609.0	608.6	610.1	611.7	613.9	614.2	615.4	612.6	608.1	604.5	601.1	599.1	597.5	598.0	599.1	599.9	603.4	606.5	605.6	605.2	604.7	60.7

Gün *Jour*	SAAT — *HEURE*																								Ortalama *Moyen*
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	58.8	58.6	58.6	58.6	58.7	59.0	59.2	59.3	59.6	59.7	59.8	60.0	59.7	59.5	59.3	59.3	59.7	59.9	60.3	60.7	61.0	61.0	61.2	61.4	59.7
2	61.3	61.2	61.4	61.2	61.3	61 8	62.2	62.3	62.5	62.6	62.5	62.4	62.1	61.9	61.7	61.5	61.5	61.5	61.6	61.8	61.6	61.6	61.3	61.2	61.8
3	60.7	60.4	60.0	59.9	59.9	59.9	59.8	59.6	59.5	59.2	58.7	58.0	57.3	57.0	56.8	56.6	56.4	56.1	56.1	56.5	56.6	56 6	56.9	57.3	58.2
4	57.0	56.7	56.7	57.2	57.3	57.6	57.9	58.0	57.9	58.2	58.0	58.0	57.8	57.6	57.8	57.6	57.5	58.0	58.9	58.2	58.5	57.5	56.5	55.4	57.6
5	54.5	54.3	33.5	54.0	54.1	54.4	54.9	55.1	54.7	54.1	53.7	52.5	52.2	52.6	53.7	55.5	55.2	55.0	55.3	55.5	55.0	55.4	55.4	55.9	54.4
6	55.8	55.2	55.7	55.9	56.1	56.5	56.6	56.4	56.8	57.0	57.8	57 8	57.7	57.4	57.6	57.8	57.9	58.0	58.3	58.9	59.7	60.0	60.2	60.3	57.6
7	60.4	60.4	60.9	61.0	61.2	61.4	61.8	62.0	62.3	62.3	62.4	62.5	61.9	61.4	61.1	60.7	60.7	60.6	61.0	61.4	62.1	62.2	62.2	62.2	61.5
8	62.2	62.2	62.3	62.3	62.4	62.8	63.1	63.1	63.0	63.0	63.0	62.8	62.4	62.0	61.7	61.6	61.6	61.5	61.8	62.0	62.2	62.2	62.1	62.0	62.3
9	61.8	61.5	61.4	61.5	61.8	62.1	62.4	62.6	62.5	62.6	62.3	62.4	62.4	62.6	63.0	63.3	63.4	63.5	63.6	63.7	63.9	63.8	63.6	63.8	62.7
10	63.7	63.6	63.5	63.6	63.7	64.0	64.4	64.4	64.4	64.4	64.5	64.2	64.0	63.7	63.4	63.3	63.1	63.3	64.4	64.0	63.9	63.6	63.3	63.3	63.8
1 inci onluk	596.2	594.1	594.0	595.2	596.5	599.5	602.3	602.8	603 2	603.1	602.7	600.6	597.5	595.7	596.1	597.2	597.0	597.4	601.3	602.7	604.5	603 9	602.7	602.8	60.0
11	63.1	63.1	62.7	61.6	61.7	61.6	61.7	61.8	61.6	60.8	61.2	61.0	61.2	61.9	62.1	61.1	61 2	61.8	60.9	61.0	60.0	59.4	59.2	59.2	61.3
12	58.9	58.7	58.3	58.5	58.4	58.5	58.8	58.9	59.1	59.2	59.2	59.0	58.8	58.7	58.5	58.1	57.9	57.8	57.7	57.6	57.8	57.7	77.6	57.5	58.4
13	57.1	57.3	57.1	56.6	56.6	57.0	57.0	57.0	57.0	57.1	57.0	56.4	56.0	56.0	56.1	57.0	58.0	58.0	57.6	58.9	59.5	59.6	59.8	60.0	57.5
14	60.1	60.1	60.3	60.6	61.0	61.4	62.1	62.4	63.0	63.3	63.5	63.6	63.6	63.5	63.4	63.3	63.3	63 2	63 1	63.3	63.5	63.4	63.3	63.4	62.6
15	63.4	63.1	62.9	62.4	62.6	62.6	62.7	62.7	62.6	62.7	62.8	62 5	62 0	61.6	61.3	60.9	60.4	59.9	60.1	60.2	60.4	60.5	60.2	60.0	61.7
16	59.8	59.2	58.4	58.1	58.2	59.2	59.7	60.0	60.1	60,3	60.4	60.2	60.1	59.5	59.2	59.4	59.4	59.2	59.4	59.7	59.9	59.8	59.8	59.7	59.5
17	59.5	59.2	59.2	59.2	59.2	59.3	59.5	59.5	59.5	59.6	59.4	59.2	59.1	59.0	58.9	58.8	58.7	58.6	58.5	58.6	59.1	59.1	59.0	59.0	59.1
18	59.0	58.9	58 8	58.8	58.8	59 0	59.2	59.4	59.4	59.4	59.5	59.4	59.1	58.7	58.4	58.3	58.2	58.5	58.4	58.7	58.9	58.8	58,8	58.1	58.9
19	58.3	58.2	57.9	57.3	57.2	57.4	57.4	57.3	57.1	57.0	56.9	56.7	56.3	55.8	55.9	55.5	55.7	55.9	55.7	55.8	56.1	56.4	56.2	56.0	56.7
20	55.8	55 8	55.9	56.0	56.3	56.4	56.6	56.7	56.6	56.5	56.4	56.3	46.0	55.5	55.3	55.1	54.8	54.8	54.8	54.8	54 8	54.5	54.3	53.9	55.6
2 inci onluk	595.0	593.6	591.5	589.1	590.0	592.4	594.7	595.7	596 0	595.9	596.3	594.3	592.2	590.2	589.1	587.5	587.6	587.7	586.2	588.6	590.0	589.2	588.2	587.3	59.1
21	53.4	53.2	52.8	52.2	52.0	52.2	51.8	51.3	50.8	50.4	50.3	50.2	50.0	49.8	49.8	49.8	50.3	50.6	51.3	51.8	52.7	52.8	53.0	53.5	51.5
22	54.0	54.0	53.8	53.8	54.0	54.3	54.9	55.3	55.4	56.2	56.4	56.5	56.6	56.7	56.8	56.7	56.6	56.8	57.3	58.0	58.7	58.8	59.0	59.4	56 3
23	59.6	59 7	59.7	59.7	59.9	60.1	60.4	60.6	60.8	61.0	61.1	60.9	60.4	60.2	60.1	59.8	59.4	59.3	59.7	59.6	59.7	59.6	59.4	59.3	60.0
24	59.3	59.6	59.4	59.5	59.5	59.6	59.7	59.9	59.9	60.0	60.1	59.8	59.4	59.0	58.8	58.6	58.5	58.6	58.7	58.9	59.2	59.2	58.8	58.4	59.3
25	58.1	57.9	57.6	57.5	57.4	57.4	57.3	57.2	57.0	56.9	56.8	56.6	56.1	56.0	55.9	55.8	55.7	55.9	56.1	56.4	56.8	56.9	57.0	56.8	56.8
26	56.8	56.8	56.9	57.0	57.3	57.5	57.6	57.7	57.8	58.0	58.2	58.0	57.9	58.1	58.1	58.3	58.4	58.5	58.6	58.8	59 0	59 1	59.2	59.0	58.0
27	58.8	58.6	58.5	58.4	58.6	58.7	58.9	59.0	59.1	59.2	58.8	58.5	58.3	58.2	58.3	57.9	57.5	57.5	57.5	57.7	57.8	57.8	57.8	57.8	58.3
28	57.6	57.5	57.1	57.0	57.2	57.3	57.5	57.7	57.8	57.8	57.9	58.0	57.5	57.3	57.1	57.2	56.9	57.3	57.3	57.5	57.7	57.7	57.7	57.9	57.5
29	57.9	57.6	57.5	57.4	57.5	57.8	58.0	58.2	58.3	58.4	58.4	58.3	58.1	58.9	58.6	58.8	58.7	58.7	58.9	59.2	59.6	59.8	59.7	59.4	58.5
30	59.6	59.5	59.6	59.7	59.8	60.0	60.4	60.7	60.9	61.2	61.3	61.3	61.3	61.3	61.3	61.7	62.0	62.0	62.3	62.6	62.9	63.2	62.9	62.7	61.3
31	62.6	62.8	63.0	63.0	63.0	63.4	63.7	64.0	64.3	64.2	64.0	64.1	63.9	63.5	63.3	63.1	63.1	63.4	63.6	63.4	63.5	63.4	63.5	63.5	63.5
3üncü onluk	637.7	637.2	635.9	635.2	636.2	638.3	640.2	641.6	642.1	643.3	643.3	642.2	639.5	639.0	638.1	637.7	637.1	638 6	641.3	643.9	647.6	648.3	648.0	647.7	58.3
Ortalama	59.0	58.9	58.8	58.7	58.8	59.0	59.3	59.4	59.4	59.4	59.4	59.3	59.0	58.9	58.8	58.8	58.8	58.8	59.0	59.2	59.4	59 4	59.3	59.3	59.1

700 mm. + ...

Gün *Jour*	SAAT — *HEURE* 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Ortalama *Moyen*
1	62.8	62.1	61.6	61.5	61.4	61.3	61.1	61.0	60.8	60.8	60.8	60.3	59.9	59 5	59.0	58.8	58.3	58.2	58.0	58.2	58.7	58.9	58.5	58.0	60.0
2	57.8	57.8	57.2	56.8	56.5	56.5	56.4	56.0	56.0	56.0	55.8	55.4	55.1	54.7	55.1	55.0	53.0	54.3	54.0	54.3	55.0	55.4	55.7	55.5	55.6
3	55.3	55.7	55.5	55.3	55.9	56.4	56.7	57.3	57.5	57.5	58.2	58.4	58.5	58.9	59.0	59 0	58.8	59.2	59.6	59.8	60.2	60.3	60.1	59.8	58.0
4	59.7	59.7	59.6	59.8	59.9	60.2	60.5	60.6	60.6	60.7	60.5	60.4	60.2	59.9	59.8	59.8	59 5	59.7	59.7	59.6	60.0	60.2	60.0	59.7	60.0
5	59.4	59.3	59.1	58.6	58.6	08.8	58.8	58.5	58.5	58.6	58.6	58.6	58.8	58.7	58.5	58.3	58.6	58.9	59.4	59.4	59.7	59.7	59 7	59.8	59.0
6	59.9	60.0	59.9	59.8	60.1	60.3	60.6	60.9	61.0	61.4	61.5	61.7	61.8	61.8	61.8	61.9	61.9	61.9	62.2	62.5	62.8	62.7	62.7	62.7	61.4
7	62.5	62.2	61.9	61.7	61.7	61.7	61.8	61.8	61.8	62.0	61.9	61.9	61.8	61.6	61.6	61.6	61.8	62.0	62.1	61.8	61.8	61.7	61.6	61.4	61.8
8	61.1	60.8	60.7	60.3	60.1	60.1	60.2	60.0	59.7	59.6	59 6	59.5	59.4	59.0	59.1	59.3	59.0	59.0	59.3	59.5	59.6	59.3	59.1	58.9	59.7
9	58.4	57.5	57.3	57.3	57.3	57.2	57.2	57.3	57.5	57.8	57.8	57.3	57.2	57.1	57.1	57.4	57.4	57.7	58.0	58.2	58.5	58.5	58.5	58.5	57.7
10	58.5	58.5	58.5	58.5	58.6	58.4	58.9	59.4	59.7	59.8	59.6	59.0	58.8	58.6	58 8	58.7	58.6	58.9	59.2	59.4	59.7	59.8	60.1	59.4	59.1
1 inci onluk	595.4	593.6	591.3	539.6	590.1	590.9	592.2	592.8	593.1	594.2	594.3	592.5	591.5	589.8	589.8	589.8	586.9	589.8	591.5	592.7	596.0	596.5	596.0	593.7	59.2
11	59.4	59.3	59.1	59.2	59.3	59.6	60.0	60.3	60.4	60.5	60.7	60.5	60.4	60.0	60.0	59.9	59.8	59.8	60.3	60.2	60.4	60.5	60.4	60.3	60.0
12	60.0	59.8	59.5	59.5	59.6	59.7	59.8	60.0	60.3	60.2	60.1	59.6	59.2	59.0	58.9	58.6	58.3	58.2	58.5	58.7	59.0	59.2	59,0	59.0	59.3
13	59.0	59.0	59.0	59.0	59.1	59.2	59.4	59.6	59.6	59.7	59.6	59.4	59.0	58.5	58 2	58.0	57.8	57.9	58.0	58 2	58.5	58.3	58.2	58.0	58.8
14	58.0	57.8	57.9	58.0	57.8	57.9	58.0	58.2	58.7	58.5	58.3	58.2	57.9	57.4	57.2	56.9	56.4	56.5	56.0	56.4	56.8	56.8	56.6	56.6	57.5
15	56.5	26.5	56.4	56.3	56.0	56.3	56.4	56.4	56.4	56.4	56.5	56.2	55.9	55.6	55.6	55.4	55.4	55.3	55.5	56.0	56.2	56.1	56.0	55.9	56.1
16	56.1	56.2	56.2	56.2	56.2	96.3	56.4	56.6	56.5	56.3	56.3	56.1	56.0	55.9	55.7	55.3	55.0	55.3	55.1	55.1	55.6	55.6	55.7	55.7	55.9
17	55.8	55.9	55.8	55.5	55.4	55.4	55.5	56.1	56.1	56.1	56.1	56.0	55.8	55.4	55.1	54.9	54.6	54.5	54.7	55.0	55.4	55.5	55.9	56.0	55.5
18	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.5	56.5	56.5	56.2	56.6	56.9	56.6	56.1	55.9	54.2	55.2	55.3	55.0	55.7	56.0	55.9	55.6	56.0
19	55.7	55.3	56.2	56.4	56.4	56.6	56.8	56.5	57.2	57.0	57.3	57.4	57.4	57.5	57.1	57.1	56.7	57.1	57.4	57.4	57.4	57.4	57.4	57.5	56.9
20	57.4	57.4	57.2	56.8	56.8	57.0	57.2	57.4	57.5	57.7	57.8	57.5	57.1	57.0	57.2	56.8	57.0	57.1	57.0	57.2	57.0	56.9	57.0	57.3	57.2
2 inci onluk	574.1	573.4	573.5	573.1	572.8	574.3	575.8	577.6	579.2	578.9	578.9	577.5	575.6	572.9	571.1	568.8	565.2	566.9	567.8	569.2	572.0	572.3	572.1	571.9	57.3
21	57.3	57.2	57.2	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57 5	57.3	56.9	56.6	56.4	56.2	56.0	55.9	55.5	55.6	55.9	56.0	56.0	55.9	56.7
22	55.9	55.7	55.5	55.5	55.4	55.4	55.5	55.5	55 5	55.5	55.5	55.0	54.6	54.1	54.6	54.3	53.6	44.1	54.2	54.3	54.4	54.3	54.3	54.3	54.9
23	54.2	54.1	54.0	53.8	53.7	53,7	53.9	54.3	54.4	54.5	54.3	54.1	53.8	53.4	53.0	53.3	53.1	53.2	53.4	53.6	54.3	53.8	53.7	53.7	53.8
24	53.8	54.0	54.2	54.2	54.3	54.6	55.1	55.5	56.0	56.2	56.4	56.4	56.4	56.4	57.2	58.2	58.3	57.9	58.2	58.2	58.6	58.9	59.1	59.2	56.6
25	59.5	59.4	59.5	59.5	59.6	59.7	59.9	60.1	60.1	60.3	60.4	60.5	60.4	60.3	60.2	59.8	59.8	60.1	60 5	60.6	60.7	60.8	60.9	61.0	60.1
26	61.1	61.2	61.2	61.3	61.5	61.8	62.1	62.5	62.6	62.7	62.8	62.8	62.4	62.2	62.0	62.0	61.9	62.4	62.5	62.4	62.4	62.5	62.4	62.1	62.1
27	62.0	61.8	61.7	61.5	61.2	61.2	61.2	61.1	60.9	60.7	60.3	60.0	59.5	59.0	58.6	58.0	57.3	57.3	57.3	58.0	58.1	57.8	57.6	57.4	59.6
28	57.4	57.1	57.5	57.3	57.3	56.9	57.0	57.3	57.3	57.8	58.1	58.2	58.3	58.3	58.2	58.2	58.1	58.3	58.8	59.4	60.1	60.1	60.2	60.2	58.2
29	60.2	60.2	60.1	60.2	60.3	60.5	60.9	61.1	61.2	61.4	61.7	61.8	61.8	61.7	61.7	61.8	61.9	62.3	62.9	63.1	63.4	63 3	63.2	63.0	61.7
30	63.0	72.7	62.4	62.4	62.4	62.5	62.6	62.6	62.4	62.2	62.0	61.8	61.4	61.2	60.9	60.6	60.5	60.4	60.1	60.0	60.7	60.6	60.7	60.8	61.5
3 üncü onluk	584.2	583.4	583.3	582.9	583.0	583.6	585.6	587.4	587.8	588.7	589.0	587.9	585.5	583.2	582.8	582.4	580 5	581.9	583.4	585.2	588.6	588.1	588.1	587.6	58 5

Gün *Jour*	SAAT — *HEURE*																								Ortalama *Moyer*
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	5.6	6.0	6.2	6.6	6.5	6.4	6.8	9.4	11.0	12.5	13.7	15.0	16.4	13.7	13.0	12.3	13·0	11.8	9.3	8.2	6.5	6.6	6.0	5.9	9.5
2	5.4	5.9	6.1	6.0	5.9	6.0	6.2	7.6	10.0	11.5	12.7	14.1	14.5	12.5	11.0	9.7	10.0	9.1	7.4	6.6	6.3	6.0	5.8	5.8	8.4
3	5.4	5.4	5.2	5.1	5.0	5.1	6.7	7.4	9.9	9.6	9.4	11.2	11 2	11.4	11.0	10.6	10.2	9.0	8.2	8.0	7.8	7.6	7.4	7.3	8.1
4	7.2	6.6	6.6	6.7	7.1	7.3	7.5	8.5	9.0	10.5	10.6	11.2	10.8	10.3	10.4	9.5	8.4	8.1	7.5	7.1	6.9	7.0	6.5	6.6	8.3
5	6.6	6.5	6.5	6.4	6.3	6.2	6.3	6.6	7.4	8.8	9.3	9.4	9.5	9.4	9.3	8.4	8.3	7.0	6.5	6.3	5.8	5.8	5.3	5.0	7.2
6	5.0	5.2	5.4	5.4	5.5	5.5	5.7	6.4	7.2	8.7	10.0	11.0	13.0	13.3	11.7	10.5	9.4	8.0	6.3	5.7	5.0	4.6	4.2	4.8	7.4
7	4.8	4.9	5.0	5.0	5.2	5.3	5.5	7.3	9.3	11.2	12.9	12.4	12.1	12.7	12.6	12.1	11.8	10.6	9.2	9.1	8.6	7.5	7.2	8.7	8.8
8	8.8	8.9	6.9	7.0	5.0	6.0	4.5	7.8	11.0	14.3	14.7	14.0	16.4	15.9	14.0	15.6	15.0	14.0	12.0	10.5	10.7	10.7	10.7	9.1	11.0
9	6.7	6.4	5.6	5.4	5.3	5.0	5.2	7.4	7.6	8.7	10.2	10.2	11.0	11.5	11.1	10.2	9.0	7.3	6.7	6.1	6 2	6.1	6.2	6.1	7.6
10	6.2	6.1	7.0	7.3	6.5	5.8	6.6	8.0	9.7	14.4	16.0	14.8	12.5	11 7	11.4	10.4	9.5	8.8	8.4	8.3	8.1	8.0	8.0	7.9	9.2
1 inci onluk	**61.7**	**61.9**	**60.5**	**60.9**	**58.3**	**58.6**	**61.0**	**76.4**	**91.2**	**110.2**	**119.5**	**123.3**	**127.4**	**122.4**	**115.5**	**109.3**	**104.6**	**93.7**	**81.5**	**75.9**	**71.9**	**69.9**	**67.3**	**67.2**	**8.5**
11	7.7	7.4	7.4	7.4	7.4	7.4	7.9	7.9	7.9	7.8	8.2	8.7	9.1	8.7	8.3	7.6	7.7	7.0	6.4	6.3	5.6	5.2	5.3	4.2	7.3
12	4.0	3.4	3.0	2.9	4.0	4.0	6.9	9.3	9.3	10.0	10.2	10.5	10.7	10.7	10.4	10.0	9.3	7.6	6.2	5.3	4.7	4.5	4.3	4.3	6.9
13	4.5	5.0	5.0	4.8	5.0	5.5	7.5	9.7	10.7	11.7	12.4	13.3	13.9	13.9	14.5	14.5	13.9	12.3	11.8	10.3	10.0	10.2	10.2	9.2	10.0
14	9.6	9.3	9.2	9.2	9.2	9.2	10.7	12 1	13.2	14.2	15.5	16.0	17.8	16.7	17.0	16.0	15.0	15.0	14.0	12.5	11.4	11.0	10.6	10.7	12.7
15	11.0	11.2	11.0	10.9	10.4	10.8	11.5	14.8	15.8	16.0	17.0	18.2	19.5	20.5	21.2	22.4	20.7	19.7	18.0	16.6	15.9	15.5	14.5	14.9	15.8
16	14.5	12.6	12.0	11.9	11.8	11.4	13.1	14.0	15.0	17.2	18.4	20.0	20.8	20.6	21.3	19.7	18.5	18.3	16.3	15.7	15.6	15.0	15.4	14.2	15.9
17	13.6	13.6	13.0	13.0	13.5	13.6	15.3	16.5	16.7	18.8	19.3	19.3	20.4	22.3	21.2	22.3	21.3	19.4	18.7	18.6	17 6	16.5	16.5	16.2	17.4
18	15.6	15.6	15.0	15.3	13.0	12.5	14.4	14.7	16.0	16.5	16.7	17.6	20.0	20.7	20.0	18.2	18.2	16.1	15.9	15.9	14.5	14.6	14.8	14.7	16.1
19	14.6	14.1	13.0	13.0	13.0	13.7	13.1	15.0	17.3	18.0	17.8	17.4	15.5	13.7	14.5	14.0	13.0	12.0	10.9	10.5	10.3	10.2	10.2	11.0	13.6
20	10.8	10.5	10.3	10.0	9.8	9.7	9.7	9.8	9.8	10.0	10.2	9.7	9.2	8.1	9.0	7.3	7.1	6.1	6.1	5.3	5.4	5.3	5.5	5.6	8.4
2 inci onluk	**105.9**	**102.7**	**98.9**	**98.4**	**97.1**	**97.8**	**110.1**	**123.8**	**131.7**	**140.2**	**145.7**	**150.7**	**156.9**	**155.9**	**157.4**	**152.0**	**144.7**	**133.5**	**124.3**	**117.0**	**111.0**	**107.0**	**107.3**	**105.0**	**12.4**
21	5.6	5.6	5.0	4.8	4.8	5.0	5.8	7.6	10.6	12.6	11.2	12.8	13.0	12.0	11.8	11.6	11.3	10.8	9.0	8.3	7.7	7.8	7.2	6.4	8.7
22	6.0	6.8	7.3	6.2	6.9	7.2	10.3	10.5	12.0	13.7	14.3	14.1	12.3	12.0	15.9	15.9	14.9	13.8	11.3	10.0	9.9	9 2	13.8	14.2	11.2
23	9.2	9.2	8.0	7.6	9.2	9.7	10.1	11.2	12.4	16.0	16.0	19.0	17.0	17.8	16.6	15.4	14.3	14.0	13.4	14.0	18.2	20.5	20.5	14.6	13.9
24	13.0	11.6	11.0	10.6	10.0	11.3	16.4	18.2	18.3	18.0	18.0	19.0	21.4	21.3	19.4	18.0	18.8	19.0	18.0	17.6	16.9	14.0	16.0	15.4	16 3
25	14.0	15.7	14.8	15.4	14.4	14.8	14.5	16.0	16.0	16.0	15.5	17.0	17.8	17.7	18.8	19.5	19.5	18.0	16.1	15.7	14.1	13.6	13.1	13 2	15.9
26	13.0	13.0	12.7	13.0	12.9	13.9	14.9	15.5	16.0	18.9	18.4	17.0	19.0	20.0	19.8	19.0	17.1	17.2	16.0	14.4	13.5	13.7	13.3	13.3	15.7
27	12.4	12.4	12.4	12.0	10.6	11.0	11.7	15.5	15.0	17.6	18.0	19.1	20.9	21.8	21.2	20.8	19.4	18.2	16.0	14.2	13.1	12.6	12.1	12.1	15.4
28	11.9	11.3	11.3	10.8	10.0	9.2	10.3	12.3	14.0	14.2	16.0	16.2	15.3	15.3	15.3	14.4	13.8	13.4	11.2	10.5	10.5	10.2	9.9	10.1	12 4
29	10.1	10.1	10.2	9.7	10.2	10.3	10.5	10.9	12.9	13.3	13.8	15 2	13.5	15.3	13.7	13.4	13.0	12.3	12.0	11.7	11.7	11.6	11.6	11.4	12.0
30	11.4	10.9	10.9	10.9	10.9	10.8	10.7	10.8	11.1	11.3	11.5	12.0	12.4	13.3	13.5	14.0	15.0	13.5	12.3	10.6	9.7	9.8	9.4	9.3	11.5
3üncü onluk	**106.6**	**106.6**	**103.6**	**101.0**	**99.9**	**103·2**	**115.2**	**128.5**	**138.3**	**151.6**	**152.7**	**161 4**	**162.6**	**166.5**	**166.0**	**162.0**	**157.1**	**150.2**	**135.3**	**127.0**	**125.3**	**123.0**	**127.2**	**120.0**	**13.3**
Ortalama	9.1	9.0	8.8	8.7	8.5	8.7	9.5	11.0	12.0	13.4	13.9	14.5	14.9	14.8	14.6	14 1	13.5	12.6	11.4	10.7	10.3	10.0	10.1	9.7	11.4

Sıcaklık — *Température*

Mayıs 1939 — *Mai 1939*

Gün *Jour*	SAAT — *HEURE*																							Ortalama *Moyen*
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	8.8	8.5	8.2	8.0	8.7	9.3	9.9	12.6	13.8	13.0	15.2	11.5	11.0	13.5	16.0	16.8	13.0	12.0	12.0	11.7	11.1	10.6	11.1	10.7	**11.5**
2	10.2	10.2	10.2	10.2	10.2	10.2	11.5	13.6	15.3	15.9	16.1	16.3	17.2	17.4	18.0	20.0	18.7	17.0	16.1	15.1	14.1	12.2	12.0	12.4	**14.2**
3	12.1	12.4	12.1	12.1	12 2	13.3	15.9	19.0	21.0	23.0	23.2	24.5	24.4	26.1	26.6	26.0	24.3	24.8	22.4	22.6	19.7	19.2	18.2	17.0	**19.7**
4	16.3	13.2	12.8	12.8	14.0	14.3	15.7	17.5	19.7	20.3	21.6	23.6	24.2	22.1	21.3	21.0	21.0	19.7	18.5	19.5	19.7	20.0	20.5	20.7	**18.8**
5	23.7	23.8	23.0	23.5	23 1	22.3	22.5	23.0	24.5	23.2	26.4	28.8	27.6	28.4	23.5	20.0	19.0	18.9	20.2	19.3	17.3	18.6	20.0	18.1	**22.5**
6	17.2	15.3	15.3	15.3	15.8	14.9	14.5	16.5	17.7	18.2	18.7	19.6	20.4	20.8	21.5	21.6	21.5	19.5	18.3	15.9	15.5	15.3	15.0	14.4	**17.5**
7	14.4	14.4	14.4	14.2	14.2	14.6	16.1	16.8	17.2	17.8	18.6	20.5	21.1	22.0	22.6	21.7	20.8	19.0	17.4	16.0	15.7	15.0	15.0	15.0	**17.3**
8	14.5	13.9	13.8	13.0	13.0	13.6	15.1	16.2	17.1	19.0	19.7	20.2	21.0	22.1	23.0	21.5	20.5	20.2	19.0	17.0	16.1	15.4	15 2	14.8	**17.3**
9	14.4	14.3	14.3	14.0	14.6	13.6	13.7	15.3	16.7	18.0	18.0	18.2	17.5	17.3	17.2	17.1	16.3	15.3	14.0	12.6	12.2	12.2	12.2	12.6	**15.1**
10	12.6	12.3	12.3	12.3	12.3	12.3	13.4	13.8	15.4	17.0	18.0	19.1	18.7	18.2	17.3	16.2	16.0	14.2	13.2	12.7	12.3	11.8	11.7	11.7	**14.4**
1 inci onluk	**143.7**	**138.3**	**136.4**	**135.4**	**138.1**	**138.5**	**148.3**	**164.3**	**178.4**	**186.4**	**195.5**	**202.3**	**203.1**	**207.9**	**207.0**	**201.9**	**191.1**	**180.6**	**171.1**	**162.6**	**153.7**	**150.3**	**150.9**	**147.4**	**16.8**
11	12.0	11.3	11.8	13.0	11.5	11.4	12.1	15.5	18.3	20 0	23.0	24.0	19.0	18.6	16.0	16.9	17.1	17.1	16.0	17.6	18.3	18.5	18.5	18.4	**16.5**
12	17.6	19.0	16.6	16.0	15.6	17.2	18.5	18.4	17.6	16.0	18.0	17.5	18.2	18.9	18.2	17.0	16.6	17.1	16.2	15.4	13.8	14.3	13.6	14.0	**16.7**
13	15.5	16.6	15.7	15.6	15.2	16.4	17.3	18.4	19.4	20.4	20.6	21.5	23.4	21.5	19.0	19.0	16.0	14.3	14.2	13.6	13.8	13.5	14.0	13.5	**17.0**
14	13.5	13.3	13.0	13.0	12.6	13.2	14.1	17.0	17.4	19.0	21.0	19.4	20.4	21.1	21.5	21.8	22.2	21 5	20.2	17.8	16.6	15.6	15.3	15.2	**17.3**
15	15.3	15.4	15.5	15.2	15.3	16.3	18.2	18.9	20 0	19.5	21.4	23.3	23.0	23.6	25.1	25.0	23.2	22.1	22.0	21.7	21.0	20.4	20.5	19.3	**20.1**
16	19.4	19.0	17.3	17.0	15.0	16.8	20.5	20.5	21.6	19.6	19.4	19.6	19.2	19.6	18.2	19.0	18.0	17.0	15.0	13.9	14.1	13.9	14.0	13.1	**17.5**
17	13.2	13.0	12.6	12.8	13.2	13.3	15.3	15.4	17.4	17.7	18.0	19.3	19.2	18.1	18.2	17.9	18.0	17.9	15.3	13.6	13.6	12.3	11.5	11.6	**15 4**
18	11.4	11.5	11.7	11.8	11.4	11.8	12.9	13.9	14.5	16 5	18.0	17.0	17.0	27.1	17.6	16.9	17.5	15.4	14.4	13.4	12.4	12.4	12.4	12.0	**14.2**
19	11.9	12.0	12.3	12.3	12.5	13.0	14.4	15.6	16.8	17.5	18.0	18.2	18.2	17.7	17.6	18.0	18.0	17.0	17.0	20.0	16.7	14.0	15.0	19.0	**16.0**
20	19.5	13.4	12.8	13.0	13.0	13.3	14.1	14.0	17.0	23.3	24.7	25.0	26.7	26.9	27.4	24.7	24.0	23.5	21.5	20.2	20.2	20.2	20.0	19.4	**19.9**
2 inci onluk	**149.3**	**144 5**	**139.3**	**139.7**	**135.3**	**142.7**	**157.4**	**167.6**	**180.0**	**189.5**	**202.1**	**204.8**	**204.3**	**203 1**	**198.8**	**196.2**	**190.6**	**182.9**	**171.8**	**167.2**	**160.5**	**155.1**	**154.8**	**155.5**	**17.1**
21	16.5	15 2	12.4	13.0	14.5	15.1	14.4	16.4	17.4	19.4	20.5	21.3	22.1	22.8	23.0	23.3	21.4	20.4	21.3	19.9	19.7	19.4	19.4	17.7	**18.6**
22	17.7	18.2	17.3	16.8	16.5	17.3	18.8	8.4	20.3	20.5	21.5	23.7	23.8	22.4	23.3	23.8	21.3	20.0	19.1	18.8	18.3	17.8	17.1	16.6	**19.6**
23	15.2	15.2	15.2	14.7	14.2	16.0	17.4	19.3	19.7	21.2	22.0	23.3	23.5	24.5	25.0	25.4	24.0	21.5	19.0	18.8	19.0	18.4	18.0	17.5	**19.5**
24	16.5	17.0	16.4	16.0	15.4	16.3	17.5	18.6	19.4	20.4	20.9	22 0	23.0	24.2	24.5	25.4	24.0	22.5	20.2	19.0	18.7	17.0	17.2	17.8	**19.5**
25	17.3	16.3	15.4	16.1	16.3	16.7	19.1	19.7	20.3	21.0	21.3	22.0	23.0	24.8	24.0	24.1	21.0	20.3	19.5	18.2	17.8	18.0	17.0	16.3	**19 3**
26	15.6	14.7	14.7	14.3	14.2	15.5	15.5	16.5	19.4	15.5	15.0	17 5	14.8	18.8	19.7	18 0	19.0	17.4	16.3	15.0	15.3	15.4	14.9	15.0	**16.2**
27	15.0	15.0	15.0	15.3	15.4	15.3	16.0	16.2	16.7	17.8	19.5	20.4	19.0	19.9	19.0	20.0	19.7	18.0	17.0	15 9	15.3	15.2	14.8	15.1	**16.9**
28	74.8	15.2	14.8	14.6	14.7	15.8	15.9	18.2	20.0	18.5	18.0	16.4	17.0	18.5	21.2	22.8	19.6	17.6	17.6	16.6	16.2	21.5	20.5	19.7	**17.7**
29	14.7	14.9	14.6	14.5	14.0	14.3	18.8	18.4	20.4	21.2	19.8	22.0	22.0	19.9	18.0	19.0	20.0	20.0	17.1	16.2	15.7	15.2	14.7	14.3	**17.5**
30	14.0	14.3	14.8	14.7	14.5	15.4	17.3	18.7	18.5	19.2	20.3	20.7	20.3	20.0	19.7	20.0	21.5	19.5	18.4	16.5	16.0	15.5	15.0	15.0	**17.5**
31	15.0	15.0	14.8	15.1	15.0	16.5	17.3	19.0	20.4	21.7	22.0	23.6	21.8	20.5	21.5	21.0	20.0	18.4	17.4	16.4	16.3	16.2	15.8	15.4	**18.2**
3 üncü onluk	**172.3**	**171.0**	**165.4**	**165.1**	**164.7**	**174.2**	**188.0**	**199.4**	**212.5**	**216.4**	**220.8**	**234.9**	**230.3**	**236.3**	**238.9**	**239.8**	**231.5**	**215.6**	**202.9**	**191.3**	**188.3**	**189.6**	**184 4**	**180.4**	**18.2**

Gün *Jour*	SAAT — *HEURE*																							Ortalama *Moyen*
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	15.3	15.2	15.1	15.2	15.3	15.4	17.0	19.0	20.2	21.3	23.0	23.2	21.0	20.7	22.4	21.0	20.0	18.4	17.8	17.4	17.5	17.3	17.2	15.8	18.4
2	16.3	16.3	16.3	16.3	16.4	66.5	16.7	17.3	18.6	20.0	20.2	19.6	20.0	20.4	18.7	16.6	16.3	16.3	17.0	16.4	16.5	16.4	16.4	16.4	17.4
3	66.4	16.4	16.5	16.3	16.6	16.3	17.9	18.1	19.2	20.0	16.3	15.8	15.3	15.3	15.4	15.3	14.9	14.3	14.4	14.4	14.1	14.3	14.1	13.8	15.9
4	13.6	13.1	13.0	62.7	11.8	12.7	14.7	15.6	16.6	17.4	18.2	18.4	19.2	19.4	20.2	19.3	19.3	18.9	18.2	16.0	14.4	13.8	13.1	13.1	16.0
5	13.3	13.8	73.0	14.0	13.4	14.4	15.9	16.9	16.5	19.0	21.0	20.0	17.3	16.3	16.8	18.2	18.6	16.5	15.4	14.1	14.4	14.4	14.4	14.4	15.9
6	14.3	13.6	14.3	14.2	14.0	14.3	15.1	15.8	17.1	18.0	18.0	18.3	18.4	18.0	18.0	17.5	14.6	14.5	15.0	14.0	14.5	14.5	14.6	13.8	15.6
7	14.5	14.6	14.0	14.6	14.8	15.1	14.8	14.0	14.0	14.8	14.7	13.9	17.5	17.4	17.4	17.4	16.8	16.6	15.7	15.5	15.7	15.9	16.3	16.6	15.5
8	16.4	15.8	15.7	15.7	15.7	15.7	15.5	15.4	17.0	18.8	19.0	20.0	20.6	20.3	17.4	17.2	17.7	17.9	16.4	16.0	15.9	15.8	15.8	15.7	17.0
9	15.5	15.4	15.4	15.4	15.4	15.7	15.5	16.1	16.7	18.0	20.0	20.7	19.6	21.4	22.6	19.0	21.0	19.0	19.0	17.0	15.7	15.3	15.0	15.3	17.5
10	15.3	15.3	14.8	14.8	15.8	16.0	16.0	16.0	18.2	20.3	20.7	20.6	20.4	21.6	19.5	21.0	21.7	20.0	18.0	17.4	16 7	16.0	15.5	15.3	17.8
1 inci onluk	150.9	149.5	148.1	149.2	149.2	152.1	159.1	164.2	174.1	187.6	191.1	190.5	189.3	190.8	188.4	182.5	180.9	172.4	166.9	158.2	155.4	153.7	152.4	150.2	16.7
11	15.0	15.0	14.8	14.9	15.1	15.7	16.4	18.5	21.7	19.7	22.0	22.6	22.5	23.3	23.0	21.2	20.4	20 0	21.0	18.7	18.2	18.0	17.2	17.0	18.8
12	16.9	16.1	16.0	15.5	16.0	17.6	19.4	20.9	20.6	22.4	23.5	24.1	25.0	26.4	26.6	26.8	26.8	25.6	18.9	21.8	21.8	21.3	21.5	20.5	21.3
13	19.8	19.7	18.8	18.7	18.8	19.8	21.1	23.5	24.8	25.4	27.4	27.6	28.5	29.6	29.7	30.0	29.4	28.6	27.0	24.8	23.3	23.0	22.3	22.0	24.3
14	21.6	21.5	21.3	21.2	21.4	21.6	23.6	23.0	23.5	24.9	24.7	24.7	25.6	28.4	28.7	27.5	25.7	25.5	24.7	23.6	23.1	23.0	23.0	22.7	23.9
15	22.0	20.5	19.8	19.7	20.0	19.5	22.7	24.5	26.2	27.7	28.0	30.7	30.7	28.8	27.5	27.5	27.9	26.9	24.5	23.2	22.9	22.5	22.0	19.4	24.4
16	18.5	16.9	17.0	17.0	17.0	17.5	19.3	20.7	26.5	27.5	28.0	28.0	23.5	22.8	22.8	22.0	21.0	20.4	19.2	17.4	17.3	16.3	16.3	16.3	20.4
17	16.2	16.0	15.9	15.9	16.0	16.7	19.2	21.0	22.5	23.6	25.0	25.9	27.3	27.3	27.3	27.6	26.3	25.3	24.7	22.9	21.7	21.5	21.0	20.3	22.0
18	20.5	20.6	20.2	19.4	19.0	19.0	21.9	23.8	23.6	25.0	27.5	25.5	25.4	25.4	24.0	23.0	24.6	22.9	21.9	21.2	20.6	20.6	19.0	19.0	22.2
19	18.9	18.6	18.6	18.6	18.0	18.3	18.6	20.0	20.2	23.0	24.0	24.8	25.0	23.8	25.5	24.0	23.9	23.3	22.3	20.3	19.3	18.9	18.3	18.1	21.0
20	18.1	18.0	17.5	17.9	18.5	19.5	20.8	20.3	20.6	21.3	23.0	20.9	22.5	23.3	23.2	21.0	21.5	23.3	22.0	20.5	19.5	19.0	18.5	18.3	20.4
2 inci onluk	187.5	182.9	179.9	178.8	179.8	185.2	203.0	216.2	230.2	240.5	253.1	254.8	256.0	259.1	258.3	250.6	247.5	241.8	226.2	214.4	207.7	204.1	199.1	193.6	21.9
21	17.8	17.5	17.0	16.7	16.7	17.7	19.2	20.8	21.5	22.2	22.9	24.0	20.2	23.5	22.8	22.1	22.1	23.1	22.8	21.2	20.1	19.6	18.9	18.7	20.4
22	18.2	18.1	18.1	18.0	18.6	18.6	20.7	22.0	23.0	24.7	25.0	22.5	24.3	25.4	22.0	21.3	21.4	22.5	21.3	20.4	20.1	19.3	19.0	19.6	21.0
23	18.3	18.2	18.2	17.8	18.3	19.4	30.0	20.6	21.5	22.0	24.0	25.5	25.6	25.4	26.0	26.0	25.0	23.0	22.2	21.4	20.5	20.3	20.2	20.0	21.6
24	19.6	19.6	19.6	20.0	20.2	20.8	21.8	53.0	25.1	25.5	26.5	27.8	28.1	25.5	23.5	18.0	21.0	20.7	20.9	19.5	19.1	18.7	19.4	19.4	21.8
25	20.0	19.5	19.5	19.3	18.8	19.7	21.5	24.5	25.0	25.7	27.6	28.3	28.4	30.1	30.0	30.4	30.3	29.5	29.3	27.6	26.4	24.5	24.3	24.4	25.2
26	24.4	24.4	24.0	23.5	23.9	24.2	26.7	27.9	28.6	30.2	30.4	30.0	30.0	30.3	29.7	30.8	29.6	28.6	26.7	24.5	24.8	24.6	24.1	23.8	26.9
27	22.8	23.0	22.5	22.0	21.8	21.0	23.5	25.5	28.5	28.6	30.8	33.0	32.7	31.6	30.9	31.1	30.0	28.4	26.5	23.8	22.5	22.3	22.3	22.3	26.1
28	21.3	21.3	20.0	19.9	20.4	21.0	23.9	25.5	26.7	27.0	27.0	27.0	25.3	25.0	26.2	26.0	25.7	25.0	23.7	22.7	22.6	22.6	22.6	22.6	23.8
29	21.9	21.5	21.5	21.4	21.3	21.7	23.0	23.3	25.0	24.7	25.4	25.3	25.6	25.3	25.0	24.0	23.3	23.3	22.5	22.0	22.5	22.1	22.1	21.2	23.1
80	21.6	21.6	21.6	21.6	21.8	22.0	23.5	25.0	25.7	25.7	26.5	26.7	27.0	26.7	26.8	26.0	26.0	25.1	23.6	22.7	22.7	22.5	22.4	22.0	24.0
3 üncü onluk	205.9	204.7	202.0	200.2	201.8	206.1	223.8	238.1	250 6	256 3	266.1	270.1	267.2	268.8	260.8	255.7	254.4	249.2	239.5	225.8	221.3	216.5	215.3	214.0	23.4
Ortalama	18.1	17.9	17.7	17.6	17.7	18.1	19.5	20.6	21.8	22.8	23.7	23.8	23.8	24.0	23.6	23.0	22.8	22.1	21.1	19.9	19.5	19.1	18.9	18.6	20.7

Bağıl nem — *Humidité relative*

Nisan 1939 — *Avril 1939*

Gün *Jour*	SAAT — *HEURE*																							Ortalama *Moyen*
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	86	85	80	75	80	86	79	70	73	63	58	45	45	53	60	60	55	51	58	75	84	80	80	85	69
2	93	93	100	100	98	94	90	80	70	58	52	42	40	56	70	82	70	73	82	85	85	91	91	90	79
3	96	100	100	98	98	96	91	85	78	80	74	71	70	71	63	65	66	75	81	85	88	90	90	93	84
4	93	97	96	96	95	93	90	85	78	70	70	67	67	74	77	80	82	84	87	91	91	91	92	94	85
5	94	93	92	93	94	94	92	90	87	83	80	78	75	80	80	85	85	92	94	95	96	100	100	100	90
6	100	99	99	100	96	96	94	89	82	73	67	61	60	62	62	70	75	70	85	92	96	97	100	100	84
7	100	100	100	97	94	94	92	83	75	70	62	62	61	61	58	63	66	71	71	61	69	77	78	65	76
8	55	60	80	84	84	80	97	83	70	47	47	55	43	41	55	45	34	40	43	57	57	55	58	68	60
9	100	100	98	98	99	99	99	88	88	83	75	78	72	72	75	78	82	94	99	99	99	99	99	99	91
10	99	99	93	91	96	99	99	90	74	56	58	70	74	75	78	85	87	88	92	87	85	85	87	87	85
1 inci onluk	**916**	**926**	**938**	**932**	**934**	**931**	**923**	**843**	**775**	**683**	**643**	**629**	**607**	**645**	**678**	**713**	**702**	**738**	**792**	**827**	**850**	**865**	**875**	**881**	80
11	87	91	96	100	98	100	94	100	100	100	85	78	77	76	74	71	68	61	65	64	68	67	66	72	82
12	75	75	82	84	88	90	81	75	70	58	58	45	44	44	47	40	42	40	50	58	62	64	63	60	62
13	66	70	76	85	82	75	71	70	58	50	46	45	45	45	44	45	45	56	47	48	58	55	53	56	58
14	56	63	65	78	86	90	78	73	60	60	57	55	57	55	57	57	60	62	64	57	60	65	62	61	64
15	65	65	67	67	71	71	72	65	61	55	50	40	38	34	31	25	30	35	35	34	41	43	42	44	49
16	46	55	67	75	82	90	75	70	65	54	44	38	41	44	42	38	80	42	45	53	52	47	52	55	55
17	75	80	85	80	85	75	61	58	63	50	48	52	51	50	47	43	40	46	46	48	47	52	53	52	58
18	50	51	55	58	70	77	67	67	65	65	60	53	50	45	45	47	46	50	40	43	57	50	46	46	55
19	47	48	53	55	55	57	57	61	55	50	60	60	70	74	72	72	82	92	97	93	94	93	90	91	70
20	91	90	88	86	85	85	79	80	80	78	76	79	80	95	85	87	90	100	100	99	99	94	90	90	88
2 inci onluk	**658**	**688**	**734**	**768**	**802**	**810**	**735**	**719**	**677**	**620**	**584**	**545**	**553**	**562**	**544**	**525**	**543**	**584**	**599**	**597**	**633**	**630**	**617**	**627**	64
21	88	86	80	80	88	80	88	65	55	60	63	54	38	51	51	48	50	43	50	49	53	47	34	42	60
22	36	29	26	44	44	26	37	40	45	41	38	35	36	39	34	33	29	31	38	41	43	45	46	45	38
23	45	45	50	55	50	54	58	54	50	42	48	31	50	55	62	64	65	60	63	60	45	40	60	73	53
24	82	83	90	93	93	80	64	47	52	55	58	45	50	47	62	73	65	67	70	72	75	82	65	67	68
25	63	60	66	63	63	63	70	60	60	61	60	54	56	54	55	52	54	57	61	57	76	80	80	75	63
26	75	77	79	80	77	85	72	72	70	60	62	65	60	56	52	60	62	64	67	69	71	70	71	71	68
27	76	75	75	75	85	75	80	70	68	65	62	50	39	43	40	42	45	50	56	66	69	73	73	75	64
28	76	78	78	82	93	100	96	83	80	79	70	66	77	78	76	77	83	80	90	95	96	96	99	97	84
29	97	97	97	97	97	97	97	97	90	85	80	73	80	75	80	82	85	90	93	90	88	86	90	92	89
30	98	98	97	98	96	97	97	97	97	93	88	87	83	78	75	70	72	78	84	90	91	93	97	98	90
3 üncü onluk	**736**	**728**	**738**	**767**	**786**	**757**	**759**	**685**	**667**	**641**	**629**	**560**	**569**	**576**	**587**	**601**	**610**	**620**	**672**	**689**	**707**	**712**	**715**	**735**	68

Gün *Jour*	SAAT — *HEURE*																							Ortalama *Moyen*
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	100	100	100	100	100	100	96	80	80	73	84	97	85	85	66	68	70	80	87	85	88	85	82	84	87
2	85	87	94	90	90	90	90	80	75	73	70	68	55	59	52	40	40	49	50	60	67	75	80	76	71
3	76	73	72	71	70	67	60	46	44	40	36	34	32	30	25	28	26	31	35	43	46	46	53	51	47
4	80	85	88	85	77	73	69	55	45	36	31	34	28	28	26	26	31	30	35	35	34	36	35	36	47
5	35	33	34	31	31	37	39	33	30	40	30	23	26	25	35	60	67	73	62	72	74	74	64	70	46
6	78	98	98	90	80	82	76	65	60	62	57	55	50	51	45	40	38	46	48	62	66	68	71	78	65
7	80	80	73	75	71	71	60	60	60	62	58	54	46	41	38	34	38	48	61	72	69	70	60	62	60
8	70	71	75	85	87	83	76	71	65	55	48	50	46	47	37	42	50	48	50	53	54	56	58	59	60
9	60	61	63	66	64	95	89	80	72	69	73	69	71	73	73	74	77	85	98	100	98	98	97	95	79
10	92	96	95	91	91	90	84	82	75	71	65	62	65	70	71	75	76	85	92	92	93	94	94	98	88
1 inci onluk	756	784	792	784	761	788	739	652	606	581	552	546	504	509	468	487	513	575	618	674	689	702	694	709	64
11	88	100	94	92	100	100	100	85	80	60	50	70	73	76	86	85	80	90	92	76	66	66	60	63	81
12	65	50	68	76	82	73	66	71	77	83	77	75	74	73	77	80	85	81	91	98	95	98	95	72	78
13	71	80	80	78	82	77	73	68	62	54	50	49	42	42	61	60	85	81	93	85	88	85	80	81	71
14	83	93	95	91	94	92	89	76	73	68	64	60	54	47	43	40	35	37	45	63	67	72	65	70	67
15	71	60	60	63	63	61	58	55	54	51	49	48	39	35	25	25	33	39	40	40	47	44	42	45	48
16	48	50	57	70	80	65	48	56	45	65	70	70	70	67	73	70	76	93	88	91	87	95	90	95	72
17	90	86	100	95	92	90	82	80	75	74	70	68	67	74	70	73	63	72	81	85	81	95	98	97	82
18	97	97	97	97	97	97	84	84	80	75	75	78	77	76	77	78	76	85	90	93	95	96	96	95	87
19	95	95	95	94	94	93	93	85	80	78	76	78	78	79	79	81	80	84	95	55	75	98	85	55	83
20	45	100	100	100	100	100	100	100	70	50	44	38	36	34	30	53	54	57	62	59	56	56	50	58	65
2 inci onluk	753	811	846	856	884	848	793	760	696	658	625	634	610	603	621	645	667	719	777	745	757	805	761	731	73
21	70	85	93	83	80	70	87	80	70	63	63	65	60	61	53	53	65	68	66	72	73	70	73	83	71
22	74	72	74	76	73	70	58	64	59	55	57	50	47	43	43	36	50	50	54	56	54	51	53	54	57
23	75	75	70	75	82	78	67	62	52	47	41	38	37	36	33	30	31	35	58	48	48	51	55	65	54
24	76	80	83	90	93	92	78	70	66	58	48	45	40	32	29	30	32	35	41	49	54	68	70	59	59
25	59	62	67	58	62	65	56	54	48	52	43	38	38	35	36	41	50	48	55	63	68	70	80	85	56
26	93	95	92	92	93	88	85	75	65	93	93	85	85	74	58	65	62	66	80	85	83	92	97	95	83
27	92	94	94	92	90	93	88	85	80	66	67	57	62	59	65	55	54	67	65	80	85	93	93	88	78
28	91	88	90	93	95	94	91	74	67	74	72	60	70	73	60	60	77	86	90	85	86	88	90	86	81
29	85	85	88	94	93	90	75	65	60	56	62	60	60	71	76	77	68	65	96	94	96	98	100	95	80
30	97	94	90	90	93	90	83	75	76	75	65	66	66	67	72	62	60	70	76	90	88	91	95	98	80
31	96	95	95	90	92	90	83	72	60	53	53	50	60	71	61	60	70	80	82	92	89	90	92	94	78
3üncü onulk	908	925	936	933	946	920	851	776	703	692	659	614	625	622	586	569	619	670	763	814	824	862	898	902	71
Ortalama	78	81	83	83	84	83	77	71	65	62	59	58	56	56	54	55	58	63	70	72	73	76	76	76	69

Bağıl nem — *Humidité relative*

Haziran 1939 — *Juin 1939*

Gün *Jour*	SAAT — *HEURE*																								Ortalama *Moyen*
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	93	93	93	94	94	91	83	73	60	54	45	50	66	70	64	68	73	80	86	87	86	87	90	100	78
2	96	96	96	95	95	93	94	92	87	77	79	75	74	76	84	100	87	90	86	95	94	92	94	97	89
3	95	95	92	90	94	90	88	83	75	69	100	100	100	90	88	85	86	88	85	81	80	77	74	75	87
4	79	83	83	83	86	81	78	68	66	58	46	47	45	44	44	37	37	40	40	42	47	62	66	70	60
5	58	67	65	65	70	77	75	65	75	63	55	62	85	87	77	73	77	70	87	91	93	90	92	96	76
6	91	91	82	80	78	74	71	70	65	65	54	53	56	61	63	72	95	82	85	100	90	90	93	89	77
7	90	90	95	95	88	85	92	95	100	97	82	85	77	82	81	83	92	97	98	93	93	93	89	90	90
8	90	98	100	100	95	94	99	96	90	80	78	75	68	74	87	92	87	93	95	96	96	96	96	97	91
9	98	100	100	99	100	97	96	94	85	76	72	80	77	69	63	80	70	72	78	85	93	92	92	100	86
10	100	99	100	100	100	98	97	97	92	75	80	75	65	69	75	60	62	90	94	98	88	96	100	100	38
1 inci onluk	890	912	906	901	900	880	873	833	794	714	691	702	713	722	726	750	766	802	834	868	860	875	886	914	82
11	95	96	97	100	100	100	99	90	78	83	74	70	68	65	60	58	60	65	55	67	70	70	73	74	78
12	75	83	90	94	94	85	77	69	66	64	60	58	54	49	45	48	49	50	54	57	60	66	65	67	66
13	75	80	86	88	93	90	79	67	60	55	50	49	47	45	39	33	33	34	45	63	70	73	78	75	63
14	76	68	66	73	70	72	69	74	68	65	62	62	53	42	50	53	62	69	73	70	66	66	63	66	85
15	68	70	75	96	87	90	75	70	54	46	38	34	38	54	58	52	47	52	62	60	61	53	60	65	61
16	90	100	100	99	98	97	82	74	69	66	63	62	59	66	68	64	72	75	80	92	88	93	94	97	81
17	97	98	98	95	95	95	87	75	67	62	57	45	38	35	35	34	37	39	39	51	53	60	58	58	63
18	59	60	63	68	83	78	69	63	64	53	43	46	46	50	52	67	59	65	70	65	71	77	93	95	65
19	65	95	91	86	100	98	76	80	70	60	50	60	47	72	52	62	60	62	68	80	87	93	98	96	77
20	93	90	97	95	94	92	89	94	92	90	80	80	60	65	80	88	88	65	70	83	85	92	100	95	86
2 inci onluk	823	840	863	894	914	897	802	756	688	644	577	566	510	543	539	559	567	576	616	688	711	743	782	788	70
21	90	92	90	84	86	91	88	78	72	70	68	70	82	72	73	73	76	66	63	69	80	90	96	98	80
22	98	90	80	92	86	85	80	75	65	63	62	80	78	67	82	75	79	76	80	73	83	97	97	97	81
23	100	100	97	98	97	95	92	87	76	74	65	57	60	62	52	50	52	55	59	68	82	75	80	95	76
24	96	95	90	96	97	95	91	75	65	70	62	54	53	59	65	82	75	75	70	74	72	80	78	67	77
25	64	62	63	64	62	65	62	55	50	45	40	35	43	41	38	36	35	30	36	40	41	50	48	45	48
26	50	46	50	45	51	55	51	50	52	45	39	48	52	58	53	45	44	44	46	51	48	48	45	44	48
27	44	40	28	25	20	48	41	39	32	28	23	23	20	36	40	30	32	32	43	51	56	56	53	56	37
28	62	62	70	98	90	87	70	65	62	54	56	58	75	75	65	65	63	68	80	91	88	88	86	90	74
29	96	100	97	96	94	90	83	70	63	75	70	80	75	79	82	88	92	93	96	96	89	95	95	97	87
30	97	97	95	95	94	82	83	71	?	?	?	?	?	70	70	70	70	75	80	83	86	90	93	95	84
3üncü onluk	797	784	760	793	777	793	741	665	537	524	485	505	538	619	620	614	618	614	653	696	725	769	771	784	69

Çökelek — *Précipitation* — Nisan 1939 — *Avril 1939*

in *ur*	SAAT — *HEURE*												Toplam m/m	Devam Müddeti *Durée*
	0—2	2—4	4—6	6—8	8—10	10—12	12—14	14—16	16—18	18—29	20—22	22—24		
1	—	—	—	—	0.9	—	—	—	—	—	—	—	0.9	1/15
0	—	—	—	—	—	—	—	—	0.5	1.4	0.7	—	2.6	4/00
4	—	—	0 3	—	—	—	—	0.2	—	—	—	—	0.5	0/30
0	0.1	0.2	0.1	0.1	—	—	—	—	—	—	—	—	0.5	6/00
lam	0.1	0.2	0.4	0.1	0.9	—	—	0.2	0.5	1.4	0.7	—	4.5	11/45

Mayıs 1939 — *Mai 1939*

1	—	—	—	—	—	1.2	1.3	—	—	—	—	—	2.5	1/30
5	—	—	—	—	—	—	—	—	0.1	—	0.1	—	0.2	0/30
6	0.2	0.7	1.0	0.7	—	—	—	—	—	—	—	—	2.6	5/00
1	—	←	Sis	→	0.2	—	—	—	—	—	—	—	0.2	—
3	—	—	—	—	—	—	—	—	2.5	—	—	—	2.5	0/20
9	—	—	—	—	—	—	—	—	—	1.9	—	—	1.9	0/12
6	—	—	—	—	—	5.6	0.1	—	—	—	—	1.1	6.8	1/30
7	—	—	—	0.6	—	0.1	—	—	—	—	—	—	0.7	1/00
9	—	—	—	—	—	—	0.2	—	—	—	—	—	0.2	0/25
lam	0 2	0.7	1.0	1.5	—	6.9	1.6	—	2.6	1.9	0.1	1.1	17.6	10/27

Haziran 1939 — *Juin 1939*

1	—	—	—	—	—	—	—	—	—	—	—	1.2	1.2	0/45
2	0.7	1.0	1.0	0.4	—	—	—	3.3	0.9	—	—	—	7.3	8/30
3	—	—	—	—	—	6.2	—	—	—	—	—	—	6.2	1/20
5	—	—	—	—	—	—	0.3	—	—	—	—	—	0.3	0/30
6	—	—	—	—	—	—	—	—	1.4	0.2	0.7	—	2.3	0/45
7	—	0.4	0.3	0.6	5.9	—	—	—	0.9	10.7	1.0	0.4	20.2	10/15
8	0.1	0.2	0.2	0.3	—	—	—	—	—	—	—	—	0.8	2/00
9	0.5	0.1	—	4.5	—	—	—	—	—	—	—	—	5.1	2/45
0	—	—	—	0.4	0.3	—	—	—	—	—	—	—	0.7	0/45
1	—	—	←	Sis	0.1	—	—	—	—	—	—	—	0.1	—
9	0.3	3.0	5.0	—	—	—	—	—	—	—	—	—	8.3	2/30
0	—	←	Sis	0.1	3.2	0.8	—	—	1.5	0.1	—	—	5.7	3/45
2	—	—	—	—	—	—	2.6	0.1	—	—	—	—	2.7	0/45
4	—	—	—	—	—	—	—	1.3	0.8	—	—	—	2.1	1/45
lam	1.6	4.7	6.6	9.5	7.0	6.2	2.9	6.2	4.1	10.9	1.7	1 6	63.0	36/20

Gün *Jour*	SAAT — *HEURE*											
	1	2	3	4	5	6	7	8	9	10	11	12
1	N 1	NNE 2	NEE 1	E 3	NE 3	SEE 2	E 2	SE 2	SSE 1	SW 2	SW 2	SW
2	NE 5	NNE 5	NNE 6	NNE 6	NNE 5	NNE 6	NE 5	NE 5	E 6	NEE 5	NEE 7	NEE
3	NNE 4	NNE 5	NNE 4	NE 5	NNE 4	NNE 5	NNE 6	NNE 6	N 6	N 7	N 7	N
4	NNE 6	NNE 6	NNE 5	NNE 7	NNE 6	N 6	N 5	N 5	N 7	N 7	N 8	N
5	N 7	N 8	N 6	N 5	NNE 3	NE 4	NE 6	NNE 5	NNE 4	N 4	N 6	N
6	NNE 5	N 4	N 4	NNE 5	E 5	NE 3	N 2	NNE 1	N 1	N 3	N 4	N
7	NNE 4	NE 4	NNE 5	NNE 4	NNE 5	NE 3	NE 3	NE 0	N 0	NW 0	N 3	N
8	NEE 4	NEE 6	NNE 3	NNE 2	NNE 2	NNE 3	N 4	NE 4	NE 4	NNE 3	N 3	N
9	NNE 7	NNE 7	N 4	NE 5	N 3	NE 3	N 5	N 3	N 5	N 7	N 7	N
10	NNE 0	NE 6	W 4	N 0	NNE 0	NNE 4	NNE 2	NNE 0	N 0	N 0	N 0	N
11	N 5	NNE 5	N 4	N 4	N 4	NNE 5	N 2	N 3	N 8	N 6	N 7	N
12	NNE 1	N 2	NWW 0	W 1	NNW 1	N 3	N 2	N 5	N 8	N 7	N 8	N
13	SE 0	NE 2	SE 2	SE 1	SE 2	NE 3	SE 3	S 3	SW 3	SW 4	SW 4	SW
14	SSW 3	SSW 4	S 3	SSW 6	SSW 6	SSW 4	S 5	SW 6	SSW 6	SW 7	SW 6	SW
15	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	NNE 0	SWW 0	NNE 0	W 1	SW 2	SW 3	SSW
16	SE 0	SSE 1	SSE 3	SSE 2	S 3	S 4	S 4	SSW 4	SW 3	SW 5	SW 5	SSW
17	S 5	S 4	S 4	S 4	SW 3	SSW 3	SW 2	SSW 3	SW 3	SW 3	SW 4	SSW
18	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	SE 3	S 3	SSW 4	SSW 4	SSW 5	SSW
19	SSW 2	SSW 0	SSW 0	SSW 1	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	NNW 2	N 6	N
20	N 10	N 8	N 10	N 10	N 8	N 7	N 7	N 8	N 9	N 8	N 7	N
21	NNE 5	NE 4	NE 5	E 6	NE 5	NE 2	NE 2	N 3	N 4	N 3	N 5	N
22	SEE 0	SEE 0	SEE 0	NNE 3	NE 4	NEE 1	SE 3	NNE 3	N 4	N 3	N 4	N
23	E 5	SEE 5	SEE 4	SEE 4	SEE 4	E 5	NEE 2	E 2	E 3	E 1	NEE 0	SE
24	N 4	N 5	N 5	N 4	NNE 5	NE 4	SE 5	S 6	SSE 2	SSE 5	SEE 0	SSE
25	SSW 6	SSW 12	SSW 10	S 11	N 9	S 7	SW 6	SSW 10	SSW 9	S 9	SSW 12	SSW
26	SE 1	SE 1	SE 0	SE 0	SE 0	SE 0	SE 0	SE 0	S 0	S 0	SW 0	SW
27	NNE 3	E 5	NEE 4	NE 3	NE 3	NE 1	E 2	E 0	E 0	NNW 2	N- 4	N
28	NE 6	NEE 4	NEE 4	NNE 3	NE 3	NNE 3	N 1	N 3	N 5	N 6	N 6	N
29	NE 5	NE 5	NE 5	NE 8	NE 5	NE 6	NE 5	NNE 7	NNE 6	NNE 6	NNE 6	NNE
30	N 1	N 1	NNE 3	NNE 3	NNE 4	NNE 5	NNE 4	N 5	N 5	N 5	N 8	N
Galip yön	NE	NE	NE	NE	NE	NE	NE	NE	NNW	NNW	NNW	NNW

SAAT — *HEURE*												Gün *Jour*
13	14	15	16	17	18	19	20	21	22	23	24	
1 N 5	N 5	N 6	N 5	NE 6	NE 5	NE 6	E 6	NEE 5	NNE 5	NE 5		1
4 NNW 6	N 8	N 7	N 7	NNE 5	NNE 4	NEE 5	E 6	E 5	NE 5	NNE 4		2
8 N 7	N 7	N 6	NNE 5	N 6	NE 6	NE 5	NNE 5	NE 6	NE 6	NNE 6		3
9 N 10	N 9	N 7	N 7	N 8	N 9	NNE 7	N 6	N 8	N 6	N 8		4
10 N 10	N 9	N 8	N 8	NNE 7	NE 7	NE 7	NNE 7	N 3	NNE 4	NNE 4		5
4 N 6	N 6	N 7	N 7	NE 5	NE 7	NNE 7	NW 6	NNE 3	NE 3	NNE 4		6
6 N 7	N 7	N 6	N 5	NNE 4	NEE 7	NEE 5	NE 5	NNE 3	NNE 3	NEE 6		7
7 N 6	N 7	N 7	NE 9	NE 8	NE 5	NEE 6	NE 5	NE 5	NE 8	NE 7		8
7 N 9	N 9	N 9	N 9	N 7	N 7	N 7	N 7	N 7	N 2	N 4	NNE 2	9
8 N 8	N 10	N 10	N 8	N 8	N 8	N 7	N 8	NNE 8	N 6	N 7	N 8	10
8 N 7	N 7	N 9	N 10	NNE 11	NNE 9	NNE 8	NNE 5	NE 5	NE 3	NNE 2		11
7 N 7	N 6	N 6	N 5	N 4	SEE 5	SEE 7	SEE 2	SEE 4	SEE 1	SE 3		12
W 5 SW 5	SW 5	SW 5	SSW 4	SSW 3	SSW 2	SSW 3	SSW 2	SSW 1	SSW 2	SSW 3		13
W 6 SW 5	SSW 4	SSW 5	SSW 4	SSW 1	W 1	N 3	N 0	N 0	NNE 0	NNE 0		14
W 3 SW 4	SW 3	SW 0	NNW 0	N 1	E 4	SEE 4	SE 5	SE 0	SE 0	SE 0		15
W 5 SW 5	SSW 5	SSW 6	SSW 4	SSW 3	SSW 4	SSW 3	SSW 3	SSW 3	S 4	SSW 3		16
W 4 SSW 3	SSW 4	SSW 2	SW 0	W 0	E 3	E 0	SEE 6	SE 4	SE 4	SE 3		17
W 0 SSW 1	SSW 2	SSW 5	SSW 3	S 4	S 0	S 0	S 0	S 0	SW 0	SW 0		18
9 N 7	N 9	N 7	N 9	N 10	N 8	N 0	N 7	N 8	N 8	N 8		19
6 N 9	N 9	N 11	N 9	N 9	N 8	N 8	NNE 7	NNE 5	NNE 5	NNE 3		20
NW 7 NNW 10	NNW 8	NNW 7	NNW 5	NE 4	E 5	SEE 6	SEE 5	SEE 5	SEE 3	SEE 2		21
6 NNW 4	NNW 3	NNE 6	NE 5	NE 4	E 2	SEE 5	SEE 6	SEE 5	E 4	SEE 6		22
2 N 2	N 3	N 4	N 5	NE 3	NNE 4	NE 4	SE 5	SE 7	SE 7	NE 4		23
E 11 SSE 10	SSW 6	SW 7	SWW 7	SWW 5	SW 3	SW 4	S 2	S 1	S 6	SSW 5		24
W 9 SSW 9	SWW 5	W 4	W 3	NWW 3	W 5	W 5	SW 0	SW 0	SEE 2	SE 1		25
W 2 NW 0	N 3	N 5	N 4	NE 4	NE 4	NE 4	NEE 3	NE 1	NE 2	NE 4		26
E 8 NE 7	NE 7	E 7	NE 8	NE 5	NEE 5	NE 4	NNE 5	NEE 5	E 3	NEE 4		27
7 N 6	N 6	N 6	N 5	NNE 7	NE 6	NE 5	NEE 6	NE 6	NE 5	NE 4		28
5 N 6	N 8	NE 9	NNE 5	NNE 6	NNE 5	N 6	NE 5	NE 7	NNE 3	NE 3		29
3 N 4	N 5	N 4	N 3	N 5	NE 4	NNE 3	NE 4	NNE 4	NNE 3	NNE 3		30
NW	NNW	NNW	N	N	NNE	NE	NE	NEE	NEE	NEE	NE	Galip yön

Gün *Jour*	SAAT — *HEURE* 1	2	3	4	5	6	7	8	9	10	11	12
1	NNE 8	NE 2	NE 1	NEE 2	NEE 0	NEE 0	NNE 0	SWW 0	SW 2	N 1	SW 4	SSW
2	SSW 0	SSW 1	SSW 2	SSW 0	SSW 0	SSW 2	SSW 2	SSW 2	SW 4	SW 3	SW 5	SW
3	SEE 2	SEE 3	SEE 4	SEE 3	SEE 4	SEE 5	SE 4	SE 4	SSE 1	SSE 0	SSE 0	SSE
4	S 0	S 4	SE 1	SE 3	S 2	S 4	S 3	S 1	S 1	S 3	S 3	S
5	SE 10	SE 10	SE 10	SE 6	SE 9	SSE 6	SSW 4	SSE 5	SE 4	SE 7	SE 7	SE
6	SWW 6	SSW 8	SSW 11	SSW 13	S 14	SSE 12	SSE 11	SSE 12	S 14	SSW 16	SW 7	SW
7	SSW 13	SSW 7	SW 9	SW 8	SSW 8	SSW 8	SW 11	SW 10	SW 10	SW 8	SW 9	SW
8	SSW 0	SSW 0	S 0	S 0	S 0	S 0	SSW 0	SW 3	SW 5	SW 5	SW 4	SW
9	NE 4	NNE 5	NNE 7	NNE 5	NNE 7	N 3	N 3	N 5	N 5	N 6	N 8	N
10	N 3	N 3	N 2	N 3	N 3	N 2	N 1	N 2	N 1	N 2	N 2	N
11	NNE 1	N 3	NNE 1	SEE 4	NNE 1	NNE 2	N 4	N 2	N 2	N 0	NW 1	N
12	NEE 0	NEE 0	NNE 3	NE 2	NE 1	E 0	NE 1	N 5	N 6	N 6	N 5	N
13	S 5	S 4	SSW 4	SSW 3	S 2	S 2	S 4	S 5	SSW 6	SW 8	SW 8	SW
14	SWW 4	SSW 2	SSW 2	SSW 1	SSW 2	SSW 1	SSW 2	SSW 2	SW 2	SW 3	SW 2	SW
15	S 1	SW 3	SW 1	SW 3	S 2	S 2	S 1	S 2	S 2	S 4	SW 5	SW
16	S 0	SSW 1	SSW 0	W 3	NW 3	NNW 2	NNW 2	N 4	N 7	N 7	N 6	N
17	NE 3	NE 3	NNE 4	NNE 6	NNE 5	NE 6	NNE 4	N 2	N 4	N 7	N 5	N
18	NNE 4	NNE 5	NE 4	SEE 2	E 4	E 2	NNE 1	N 2	N 4	N 4	N 5	N
19	NNE 4	NNE 3	NNE 4	NNE 3	NNE 4	NNE 4	N 4	N 4	N 6	N 6	N 8	N
20	S 0	NNE 3	NNE 5	NNE 4	NNE 4	NE 3	N 3	N 1	N 0	N 0	SW 4	SW
21	NEE 4	NNE 6	NNE 6	NE 7	NEE 8	NE 6	N 3	NNE 6	NNE 5	N 5	N 6	N
22	SW 6	SSW 6	SW 9	SW 11	SW 10	SW 9	SSW 10	SW 7	SW 9	SSW 10	SW 8	SW
23	S 4	S 5	S 5	SSW 4	S 5	SSW 5	SSW 7	SSW 8	SSW 9	SW 7	SW 8	SW
24	SSW 2	S 3	S 5	SW 3	SSW 5	S 4	SSW 8	SSW 8	SSW 9	SSW 10	SSW 9	SW
25	S 3	S 2	SE 2	SSE 2	S 4	S 3	S 5	SSW 8	SW 6	SW 7	SW 7	SW
26	W 1	NNW 3	N 4	NNE 3	N 2	N 0	N 2	N 2	NNW 0	SW 1	NNE 2	N
27	SSW 3	SSW 4	SW 3	SW 3	SW 1	SW 1	SW 0	SW 1	SW 5	SSW 4	SSW 5	SSW
28	S 3	S 3	S 3	S 3	S 2	S 1	SSW 2	SSW 4	SSW 5	SSW 5	SSW 4	NNW
29	E 1	E 1	E 0	E 0	SEE 2	E 0	E 1	NEE 0	N 0	N 4	N 5	N
30	NE 4	NNE 4	E 2	E 0	NNE 5	NNE 3	NE 5	NE 3	N 6	NNW 7	NNW 6	NNW
31	NE 6	NNE 3	NNE 4	NE 5	NE 0	NE 3	NEE 5	NEE 6	E 5	E 6	NNE 6	NNE
Galip yön	SSE	SEE	SEE	SE	SE	SE	S	SW	SWW	W	W	W

SAAT — *HEURE*												Gün *Jour*
14	15	16	17	18	19	20	21	22	23	24	
2 SSE 0	SWW 0	SW 0	SW 4	SW 5	SW 1	SW 0	SW 0	SSW 0	SSW 1	SSW 2	1
5 SW 3	SW 2	SWW 0	SW 1	SSW 2	SSW 0	N 1	E 4	SEE 2	SEE 5	SEE 2	2
0 S 0	S 1	S 0	S 1	S 0	S 0	E 0	SEE 0	SSE 0	S 0	S 0	3
2 S 2	S 2	S 1	SE 0	SSE 0	SSE 0	SEE 1	SEE 7	SEE 10	SEE 10	SE 11	4
11 SSE 9	SW 15	SW 13	S 6	SSW 7	SSW 12	SSW 11	SW 4	SSW 8	SW 15	SW 14	5
9 SW 11	SW 6	W 9	W 6	W 7	SW 9	SW 6	SSW 3	SW 6	SW 8	SSW 8	6
10 SW 6	SW 5	SWW 4	SWW 3	W 0	SWW 0	SWW 0	SSW 0	SSW 0	SSW 0	SSW 0	7
2 SW 2	SW 2	NNW 7	N 4	NNE 6	E 3	NEE 3	E 4	E 4	NEE 5	NE 3	8
9 N 9	N 8	N 7	N 7	N 5	N 4	N 3	N 1	N 3	N 3	N 2	9
5 N 6	N 8	N 7	N 6	N 6	N 8	NNE 8	NEE 5	SEE 3	NNE 3	NNE 2	10
7 N 7	NNE 6	N 5	SE 4	SSE 3	NEE 3	SE 7	SEE 6	SEE 5	SEE 4	NEE 0	11
4 N 4	N 5	N 4	N 2	N 1	NE 2	SEE 3	NEE 1	E 2	SSE 1	S 4	12
6 W 8	SW 5	NNW 8	N 4	NE 3	NEE 1	S 2	SW 3	SW 5	SW 5	SWW 4	13
3 SW 3	S 2	S 2	S 1	S 0	S 0	S 0	SSW 3	SW 5	SW 4	SSW 0	14
3 SSW 3	SW 3	SSW 3	SSW 1	SSW 1	SSW 0	SSW 0	SSW 0	SSW 1	S 2	S 2	15
4 N 6	N 7	N 5	N 5	N 6	N 5	NNE 4	NE 5	NEE 7	NE 7	E 6	16
7 N 8	N 8	N 8	NNE 8	NNE 6	NE 7	NE 6	NE 5	NNE 3	NNE 3	NNE 4	17
8 N 7	N 8	N 8	NNE 7	NNE 9	NNE 7	NNE 5	N 3	N 3	N 2	N 5	18
9 N 9	N 8	N 8	N 0	N 2	NE 6	SE 3	NNE 1	NNE 1	NNE 1	S 0	19
3 SW 3	SW 4	N 3	NNE 3	NNE 4	NEE 6	E 5	SEE 6	E 5	NEE 2	NE 3	20
7 N 7	N 6	N 4	N 3	N 2	NNW 0	SWW 0	S 4	SSW 4	SSW 4	SSW 5	21
10 SW 6	SW 6	SW 6	SSW 5	SW 6	SWW 6	W 7	W 9	W 8	SW 7	S 4	22
5 SW 5	SSW 6	SW 4	SSW 5	SSW 3	SSW 5	SW 2	SW 2	SW 1	SW 0	SW 0	23
9 SW 6	SW 6	SW 5	SW 4	SW 4	SW 4	S 4	S 3	S 3	S 3	S 4	24
7 SW 6	SW 5	SW 4	NW 3	N 3	N 0	SE 5	SSE 0	S 3	SSW 4	SSW 5	25
8 N 1	SW 5	SW 1	SW 4	SW 2	SSW 3	SW 1	SW 1	SWW 1	SW 1	S 4	26
8 NWW 2	N 4	N 2	NNE 0	SWW 0	SSW 4	SSW 3	S 3	S 3	S 2	S 4	27
0 N 0	NW 0	NW 0	N 3	N 4	NE 5	E 2	E 1	E 2	E 2	E 1	28
6 E 5	NNE 6	NNE 5	NNE 4	NNE 3	N 4	NE 5	NE 4	NE 3	NEE 4	NE 3	29
9 NNW 9	NNW 9	N 7	NNE 8	NNE 7	NE 6	E 5	NE 5	NE 4	NE 4	NNE 6	30
5 N 7	NNE 9	NNE 10	NE 10	NNE 9	NE 8	NE 8	NE 6	NE 7	NEE 6	NEE 3	31
W	W	NW	NNW	NW	NEE	SE	SE	SE	SSE	SSE	Galip yön

Gün *Jour*	SAAT — *HEURE*											
	1	2	3	4	5	6	7	8	9	10	11	12
1	NE 6	NE 8	NE 6	NE 8	NE 6	NEE 7	NEE 9	NE 7	NE 8	NE 7	NNE 8	NNE
2	NE 0	NE 1	NEE 2	NNE 3	NE 4	NE 5	NE 4	NNE 6	N 4	N 6	N 6	N
3	NE 5	N 4	NNE 6	NNE 9	NNE 8	NNE 9	NNE 8	NNE 9	NNE 10	NNE 8	N 3	N
4	NNE 10	NNE 6	NNE 5	NNE 6	N 7	N 5	N 6	N 8	N 7	N 7	NNW 8	NNW
5	NE 0	NE 0	N 0	NNE 0	SW 3	S 2	S 1	SSW 4	SW 5	SW 6	SW 5	SW
6	NNE 5	NNE 6	NNE 8	N 7	NNE 7	NNE 7	NNE 6	N 6	NNW 6	N 6	N 7	N
7	NNE 6	NE 6	NNE 9	NNE 6	NNE 6	NNE 9	NNE 10	NNE 7	NNE 8	NNE 11	NE 13	NE
8	NNE 6	NNE 7	N 7	NNE 8	NNE 7	NNE 7	N 3	N 7	NNE 4	N 0	NE 0	N
9	N 5	NNW 1	NW 2	N 3	N 3	NE 3	SE 0	NW 0	NNW 2	NNW 1	NW 0	SW
10	SSW 3	SSW 2	S 2	SSW 2	S 5	SSW 7	SSW 5	SW 5	SW 3	SWW 2	SSW 6	SW
11	SWW 0	SWW 0	SWW 0	SW 0	SW 0	SSW 2	SSW 3	SW 3	SSW 3	SW 4	SW 6	SW
12	SW 0	SW 2	SW 1	SW 2	S 3	S 2	S 3	SSW 3	SW 3	SSW 4	SSW 6	SW
13	SW 4	SW 4	SW 4	SW 3	SW 4	SW 2	SW 3	SSW 3	SW 3	SW 4	SSW 6	SSW
14	SEE 4	SEE 4	SEE 0	SEE 0	SEE 0	SEE 0	SEE 1	S 5	SSW 1	SSW 0	SSW 1	SSW
15	NEE 0	NEE 0	NEE 0	NEE 0	SSE 3	SSE 0	SSE 0	S 0	S 3	SSW 4	SSW 3	SSW
16	N 2	N 5	N 0	N 2	N 3	N 0	N 1	NWW 0	NNW 1	N 3	NNE 3	NNE
17	NNE 0	NNE 1	E 1	E 0	E 0	E 0	SSE 4	S 4	S 6	S 6	S 5	S
18	SWW 2	SWW 2	SSW 1	SSW 1	SSW 0	SE 0	SE 0	SSE 0	SSW 1	SW 3	SW 0	SW
19	N 0	N 3	SW 2	NE 3	NNE 0	S 0	NNE 1	SSE 0	W 4	NW 2	SWW 0	SW
20	SWW 1	SWW 2	SW 4	S 4	S 4	SSW 3	SW 4	SWW 0	SWW 0	SW 2	SSW 3	SSW
21	S 0	SSW 2	SSW 2	SSE 0	SSW 2	S 3	SSW 5	SSW 5	SW 7	SSW 6	SSW 6	SSW
22	SSW 1	SSW 0	SSW 0	SSW 2	SSW 0	SSW 1	SSW 2	SW 2	SW 3	SW 4	SW 4	SW
23	NNW 1	NNW 0	NWW 2	SW 2	SW 1	SSW 1	SSW 2	SSW 5	SSW 5	SSW 6	SSW 5	SSW
24	SSW 5	SSW 3	SSW 2	SSW 3	SSW 3	SSW 4	SSW 4	SSW 5	SSW 5	SSW 4	SSW 6	SSW
25	SEE 0	SEE 0	SEE 0	SEE 0	SEE 1	SEE 2	SE 1	SE 1	SSW 3	SSW 4	SW 3	SW
26	SEE 0	SEE 0	SEE 0	SEE 0	SEE 0	SEE 0	SEE 0	SEE 0	SEE 0	NNE 2	NNW 5	NNW
27	E 4	E 3	E 0	E 0	E 2	NNE 2	NE 2	NE 3	NEE 3	NEE 4	NEE 4	E
28	SSE 2	E 3	NNE 5	NE 5	NNE 6	E 6	E 5	E 4	E 4	NNE 7	NNE 9	N
29	NNE 8	NNE 5	N 5	NNE 7	NNE 7	NNE 7	NNE 7	NNE 4	N 7	N 8	N 7	NNW
30	N 5	N 6	NNE 7	NNE 6	NNE 5	NNE 4	NNE 5	NNE 5	NE 6	NNE 8	NNW 6	NNE
Galip yön	NE	NE	NE	NEE	E	SEE	SEE	S	SWW	W	W	SWW

SAAT — *HEURE*												Gün *Jour*
13	14	15	16	17	18	19	20	21	22	23	24	
E 10	NNE 9	NNE 11	NNE 10	NNE 10	NNE 0	NNE 8	NNE 7	NEE 1	NEE 4	NE 4	NNE 4	1
9	NNW 8	NNW 7	N 10	N 16	S 1	N 4	N 6	N 6	NNE 5	N 5	N 6	2
12	N 10	N 14	N 13	N 10	N 10	N 11	N 11	N 9	N 8	N 11	NNE 9	3
W 7	NNW 7	NNW 5	NNW 6	NNW 5	N 4	N 1	E 2	E 4	SE 5	SE 3	SE 3	4
4	NNW 0	NEE 5	E 5	N 5	N 5	N 4	NNE 5	NNE 7	NNE 7	NNE 6	NNE 4	5
9	N 10	N 9	NNE 11	NE 11	NNE 12	NNE 13	NNE 13	NNE 12	NNE 10	NNE 7	NNE 6	6
11	NNE 12	NE 13	NE 9	NEE 10	NNE 8	NNE 7	NNE 11	NNE 7	NNE 7	NNE 9	NNE 8	7
8	N 7	N 7	N 8	N 8	N 5	N 4	N 4	N 3	N 2	N 2	N 2	8
7	SW 6	SW 5	NNE 4	N 0	NNW 2	SW 0	S 0	S 5	SW 4	SSW 3	SSW 3	9
7	SW 4	W 1	N 5	N 3	N 0	W 0	SWW 0	N 3	NNW 2	NNW 0	SW 0	10
W 5	SW 5	N 3	N 4	N 2	N 1	NNW 0	NNW 0	NNW 0	N 0	NNE 2	NNE 0	11
7 6	SW 6	SSW 7	SSW 5	SW 4	SW 3	SSW 3	SSW 4	SW 4	SW 4	SW 4	SW 4	12
W 3	SSW 3	SSW 0	SSW 0	SSW 0	SSW 0	SSW 1	SEE 3	SEE 4	SEE 5	SE 4	SEE 4	13
W 0	SSW 0	NW 0	N 3	N 2	NNE 2	E 5	NEE 1	NEE 0	NEE 1	NEE 4	NEE 0	14
W 2	N 5	NNW 5	N 4	NNW 4	N 4	N 3	NNE 2	NNE 0	NNE 0	NNE 0	NNE 0	15
5	N 7	N 6	NNW 5	NNW 5	NNW 4	N 3	N 4	NE 4	NNE 1	NNE 0	NNE 0	16
6	SSW 6	SSW 5	SW 5	SSW 3	SSW 1	SSW 3	SSW 1	SSW 1	SW 0	NW 0	W 0	17
W 1	SW 1	NW 0	N 4	NNE 6	NE 2	NEE 4	SEE 4	SEE 0	N 3	NNW 4	NNE 4	18
W 3	SW 3	NW 3	NNW 3	NNW 3	NNW 2	N 0	NNW 0	NW 0	NW 1	SWW 2	SWW 1	19
W 4	SW 2	SWW 0	NNE 1	NNE 1	NNE 0	NNE 0	NE 0	NE 0	SSW 2	S 1	S 0	20
W 5	SW 3	SW 2	SW 2	SSW 2	SSW 0	SSW 0	SSW 0	SSW 0	SSW 0	SSW 1	SSW 0	21
0	NWW 0	SW 2	N 3	N 1	NNW 0	NNW 0	NNW 1	N 1	N 0	N 0	N 0	22
W 6	SWW 3	SW 1	SW 3	SW 4	SSW 4	SSW 4	SW 2	SWW 1	S 0	S 2	S 3	23
W 6	SSW 5	SWW 3	NNW 3	N 1	SSW 5	NW 1	E 4	E 1	SEE 3	SEE 2	SEE 3	24
W 4	SW 4	SW 4	SW 4	SW 3	SW 1	SW 0	SW 1	SSE 0	SE 3	SEE 3	SEE 1	25
NW 6	NNW 6	NNE 5	NNE 6	NNE 7	NNE 6	SEE 5	SEE 6	SEE 5	SEE 5	SEE 5	SEE 5	26
3	NNW 2	N 4	NNE 5	NEE 5	NEE 4	NE 5	NE 3	E 5	SEE 6	SEE 6	SEE 6	27
WW 9	NNW 9	NNW 10	NNW 7	NNE 11	NNE 9	NNE 9	NNE 7	NNE 8	NNE 8	NNE 9	NNE 10	28
NW 11	NNW 10	N 9	N 10	N 10	N 9	N 9	N 7	N 9	N 7	N 8	N 6	29
NE 10	NNE 12	NNE 10	NNE 11	NNE 10	NNE 9	NNE 9	NNE 10	NNE 9	NNE 9	NNE 7	NNE 5	30
W	SWW	NW	N	N	N	N	NNE	NE	NE	NE	NE	Galip yön

Güneşlenme — *Insolation*

Nisan 1939 — *Avril 19*

Gün *Jour*	SAAT — *HEURE*														Toplam *Total*
	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15	15—16	16—17	17—18	18—19	
1	—	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.3	1.0	0.8	—	9.3
2	—	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	11.1
3	—	0.3	0.6	1.0	0 6	1.0	1.0	1.0	1.0	0.4	—	—	—	—	6.9
4	—	—	0.1	0.8	0.7	1.0	1.0	1.0	1.0	0.8	0.6	—	—	—	7.0
5	—	—	—	—	—	0.6	1.0	1.0	1.0	1.0	1.0	0.6	0.6	—	6.8
6	—	—	—	—	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	8.4
7	—	—	—	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	10.0
8	—	0.9	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	11.8
9	—	—	0.2	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	—	—	8.3
10	—	—	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	—	—	—	8.3
1 inci onluk	—	1.6	4.0	7.0	7.6	9.6	10.0	10.0	9.8	8.8	7.7	6.2	5.4	0.7	88.4
11	—	—	—	—	—	—	—	—	—	—	—	—	0.2	—	0.2
12	—	0.4	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	11.7
13	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	12.3
14	—	0.9	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	—	11.8
15	—	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.2
16	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	—	12.2
17	—	0.9	1.0	1.0	1.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	12.2
18	—	0.3	—	0.7	0.5	0.1	0.1	—	0.2	—	0.1	—	—	—	2.0
19	—	—	0.1	0.7	0.6	0.8	0.6	0.6	0.1	0.5	0.7	0.5	0.9	—	6.1
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2 inci onluk	0.3	5.4	6.0	7.4	7.0	6.9	6.7	6.6	6.3	6.5	6.8	6.5	7.1	1.2	80.7
21	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	12.7
22	0.2	1.0	1.0	0.7	0.1	—	—	0.2	—	0.5	1.0	1.0	1.0	0.3	7.0
23	—	0.1	—	—	—	—	—	0.1	—	—	—	—	—	—	0.2
24	—	—	—	—	—	—	—	—	—	—	—	0.1	0.2	—	0.3
25	0.1	0.9	0.9	0.4	0.1	—	0.3	0.1	—	—	0.3	0.8	0.2	0,1	4.2
26	—	0.9	0.6	0.1	0.6	1.0	0.5	0.2	0.3	0.5	0.6	0.5	0.1	—	5.9
27	—	0.6	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	12.1
28	—	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	12.4
29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	0.1	0.3	1,4	1.0	0.4	2.8
3 üncü onluk	0.4	5.2	5.5	4.1	3.8	4.0	3.8	3.6	3.3	4.1	5.2	6.4	5.5	2.7	57.6
Toplam	0.7	12.2	15.5	18.5	18.4	20.5	20.5	20.2	19.4	19.4	19.7	19.1	18.0	4.6	226.7

Güneşlenme — *Insolation*

Mayıs 1939 — *Mai 1939*

Gün *Jour*	SAAT — *HEURE*														Toplam *Total*
	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15	15—16	16—17	17—18	18—19	
1	—	—	0.6	0.4	—	0.4	—	—	—	0.8	1.0	0.7	0.5	0.3	4.7
2	0.2	0.2	0.9	1.0	1.0	0.7	0.4	0.9	0.4	0.7	0.6	1.0	1.0	0.4	9.4
3	—	0.2	0.9	1.0	1.0	1.0	0.9	0.6	0.5	0.2	0.1	0.3	0.2	0.5	7.4
4	—	0.4	1.0	1.0	1.0	1.0	1.0	0.4	—	—	—	—	—	—	5.8
5	—	—	—	—	—	—	0.2	0.1	—	—	—	—	—	—	0.3
6	—	—	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	10.7
7	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.5	—	—	10.7
8	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	13.0
9	—	0.1	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	11.3
10	—	—	—	0.1	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.8	—	8.2
1 inci onluk	1.0	2.9	6.1	7.5	7.6	8.1	7.5	7.0	5.9	6.6	6.6	6.2	5.5	3.0	81.5
11	—	0.1	0.6	1.0	1.0	1.0	0.9	0.1	—	—	—	—	—	—	4.7
12	0.2	0.8	1.0	1.0	1.0	0.5	0.1	0.2	—	—	—	0.1	0.6	0.8	6.3
13	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.7	—	—	0.5	—	0.2	—	7.8
14	0.5	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	13.3
15	0.5	1.0	0.7	0.8	0.5	0.3	0.9	0.9	0.5	0.9	1.0	1.0	1.0	0.3	10.3
16	0.1	0.4	—	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.9	—	9.5
17	—	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	12.7
18	—	—	0.1	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	10.2
19	0.2	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	12.0
20	—	—	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	11.0
2 inci onluk	1.9	6.1	6.5	8.6	9.5	8.8	8.8	7.9	6.5	6.9	7.4	6.8	7.2	4.9	97.8
21	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.5	12.7
22	0.6	1.0	0.8	0.7	1.0	0.1	0.7	0.8	0.6	0.6	0.9	0.2	—	—	8.0
23	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.6	0.9	0.9	0.8	0.5	12.5
24	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	13.8
25	0.6	1.0	1.0	1.0	0.7	1.0	0.9	1.0	0.9	0.7	0.1	0.4	0.3	0.4	9.9
26	0.3	—	—	0.2	0.1	—	0.2	0.1	—	1.0	0.9	0.8	1.0	1.0	5.6
27	0.1	0.1	—	—	0.1	0.6	0 8	0.9	1.0	0.6	1.0	0.6	—	—	5.8
28	—	0.2	0.8	—	0.5	—	—	—	—	0.8	1.0	0.8	0.2	—	4.3
29	0.6	1.0	1.0	1.0	1.0	0.7	0.9	0.8	0.5	—	—	—	—	0.5	8.0
30	0.7	0.5	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	12.3
31	—	0.8	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.2	11.1
3 üncü onluk	4.9	7.6	7.5	7.8	8.3	7.4	8.5	8.6	8.0	8.7	8.8	7.6	5.4	5.0	104.1
Toplam	7.8	16.6	20.1	23.9	25.4	24.3	24.8	23.5	20.4	22.2	22.8	20.6	18.1	12.9	283.4

Güneşlenme — *Insolation* Haziran 1939 — *Juin 19*

Gün *Jour*	SAAT — *HEURE*															Toplam *Total*
	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15	15—16	16—17	17—18	18—19	19—20	
1	—	0.4	1.0	1.0	1.0	1.0	1.0	0.5	0.6	—	1.0	1.0	1.0	0.1	—	9.6
2	—	—	—	0.1	0.5	0.4	0.3	0.7	0.9	0.5	—	—	—	—	—	3.4
3	—	—	—	—	0.3	—	—	—	—	—	—	—	—	—	—	0.3
4	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	13.9
5	—	—	0.5	0.3	0.2	0.8	0.3	—	—	—	—	0.1	—	—	—	2.2
6	—	—	—	0.5	0.8	0.9	1.0	1.0	1.0	1.0	0.5	0.1	0.1	—	—	6.9
7	—	—	—	—	—	—	0.1	0.1	—	0.1	—	—	—	—	—	0.3
8	—	—	—	—	0.3	0.1	0.5	0.8	0.8	0.1	—	—	0.1	—	—	2.7
9	—	—	—	—	0.4	0.7	1.0	1.0	1.0	1.0	—	0.3	1.0	0.7	—	7.1
10	—	—	—	—	0.4	0.8	1.0	1.0	1.0	0.7	0.5	1.0	0.4	—	—	6.8
1 inci onluk	0.7	1.4	2.5	2.9	4.9	5.7	6.2	6.1	6.3	4.4	3.0	3.5	3.6	1.8	0.2	53.2
11	—	—	0.4	0.9	0.7	0.8	1.0	1.0	1.0	1.0	0.7	—	—	0.6	—	8.1
12	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	13.8
13	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	13.9
14	0.5	1.0	1.0	0.4	0.1	0.1	—	0.4	0.1	0.5	1.0	0.2	—	—	—	5.3
15	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	13.8
16	—	—	—	0.5	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.3	10.7
17	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5	0.8	0.1	12.8
18	0.7	1.0	1.0	1.0	1.0	0.9	—	—	—	—	0.2	0.7	0.2	—	—	6.7
19	—	—	—	—	0.4	1.0	0.8	0.7	0.5	1.0	0.9	1.0	1.0	1.0	0.3	8.6
20	0.4	0.7	0.1	—	—	—	0.6	0.6	0.8	0.1	—	—	—	0.2	0.3	3.8
2 inci onluk	4.3	6.7	6.5	6.8	7.2	7.8	7.4	7.7	7.4	7.5	7.8	6.6	5.7	6.6	1.5	97.5
21	0.7	1.0	1.0	0.9	1.0	1.0	1.0	—	0.2	—	—	—	—	0.8	—	7.6
22	—	0.9	1.0	0.7	0.3	1.0	0.8	0.2	0.8	0.3	—	—	0.8	0.8	—	7.6
23	0.4	—	—	—	0.2	1.0	1.0	1.0	0.9	1.0	1.0	0.9	—	—	—	7.4
24	0.4	0.9	1.0	0.9	0.6	1.0	1.0	1.0	0.5	0.2	—	—	—	—	—	7.5
25	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	13.8
26	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	13.8
27	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1,0	1.0	1.0	1.0	1.0	1.0	0.1	13.8
28	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	13.8
29	0.5	1.0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.1	0.1	—	10.4
30	0.3	0.6	0.6	0.9	0.9	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.3	12.5
3 üncü onluk	4.8	8.4	8.3	3.4	8.0	10.0	9.8	8.2	8.3	7.5	6.8	6.1	5.9	6.7	1.0	108.2
Toplam	9.8	16.5	17.3	18.1	20.1	23.5	23.4	22.0	22.0	19.4	17.6	16.2	15.2	15.1	2.7	258.9

Toprağın sıcaklığı
Température de la terre

Nisan 1939 — *Avril 1939*

	DERİNLİK — *PROFONDEUR*																	
	— 5 cm.				— 10 cm.				— 20 cm.				— 50 cm.				-1m.	-2m.
	7	14	21	Ortalama. Moy.	7	14	21	Ortalama. Moy.	7	14	21	Ortalama. Moy.	7	14	21	Ortalama. Moy.	14	14
1	8.7	17.4	11.8	12.6	9.7	14.4	13.1	12.4	10.7	11.8	13.3	11.9	10.7	11.2	11.4	11.1	10.5	10.8
2	8.5	15.7	11.3	11.8	9.8	13.9	12.7	12.1	11.0	11.7	12.9	11.9	11.5	11.2	11.2	11.3	10.7	10.8
3	8.5	15.4	11.6	11.8	9.5	15.3	12.4	12.4	10.7	11.5	12.4	11.5	11.3	11.3	11.1	11.2	10.8	10.9
4	9.7	15.7	11.6	12.3	10.3	13.5	12.5	12.1	11.1	11.7	12.7	11.8	11.3	11.3	11.3	11.3	10.8	10.9
5	9.7	15.7	11.7	12.4	10.4	13.4	12.7	12.2	11.2	11.7	12.8	11.9	11.4	11.4	11.4	11.4	10.8	11.0
6	10.0	15.6	12.0	12.5	10.6	14.4	13.3	12.8	11.5	12.1	13.4	12.3	11.5	11.5	11.5	11.5	11.0	11.1
7	10.0	17.4	13.0	13.5	10.7	14.8	14.0	13.2	11.5	12.6	14.0	12.7	11.7	11.7	11.8	11.7	11.1	11.1
8	9.0	17.8	13.2	13.3	10.5	14.6	14.5	13.2	12.0	12.6	14.2	12.9	12.0	12.0	12.0	12.0	11.2	11.2
9	10.2	17.0	12.7	13.3	11.1	14.5	13.7	13.1	12.2	12.7	13.8	12.9	12.2	12.1	12.1	12.1	11.3	11.3
0	10.8	18.2	13.7	14.2	11.4	15.7	14.5	13.9	12.4	13.5	14.5	13.5	12.3	12.3	12.4	12.3	11.5	11.3
nci uk	**9.5**	**16.6**	**12.3**	**12.8**	**10.4**	**14.5**	**13.3**	**12.7**	**11.4**	**12.2**	**13.4**	**12.3**	**11.6**	**11.6**	**1'.6**	**11.6**	**11.0**	**11.0**
1	12.0	12.5	10.1	11.5	12.5	12.5	11.5	12.2	13.0	12.7	12.1	12.6	12.5	12.5	12.5	12.5	11.6	11.3
2	7.9	15.6	11.0	11.5	8.8	12.9	12.5	11.4	10.3	11.3	13.0	11.5	12.1	11.9	12.0	12.0	11.7	11.4
3	8.0	12.4	12.7	11.0	9.0	14.0	13.7	12.2	10.5	11.8	13.5	11.9	12.0	11.8	11.7	11.8	11.7	11.4
4	10.0	19.1	14.4	14.5	11.0	15.5	15.3	13.9	12.0	13.0	14.8	13.3	12.0	12.0	12.1	12.0	11.7	11.5
5	10.8	20.8	16.4	16.0	11.8	16.8	17.0	15.2	12.8	14.0	16.1	14.3	12.5	12.7	12.8	12.7	11.8	11.5
6	12.2	21.7	16.5	16.8	13.3	17.7	17.5	16.2	14.2	15.0	17.0	15.4	13.3	13.3	13.4	13.3	11.9	11.6
7	13.5	23.3	17.9	18.2	14.5	19.0	18.5	17.3	15.0	16.0	17.7	16.2	14.0	13.8	14.0	13.9	12.2	11.6
8	14.1	20.4	16.0	16.8	14.6	18.3	17.0	16.6	15.4	16.3	17.0	16.2	14.4	14.4	14.5	14.4	12.4	11.7
9	13.0	19.4	15.1	15.8	14.0	18.1	16.1	16.1	14.5	16.2	16.5	15.7	14.5	14.3	14.4	14.4	12.8	11.8
0	13.0	12.8	10.7	12.2	13.5	13.5	12.0	13.0	14.5	14.0	13.2	13.9	14.5	14.3	14.0	14.3	13.1	11.8
nci luk	**11.5**	**17.8**	**14.1**	**14.4**	**12.3**	**15.8**	**15.1**	**14.4**	**13.2**	**14.0**	**15.1**	**14.1**	**13.2**	**13.1**	**13.1**	**13.1**	**12.1**	**11.6**
:1	8.8	18.3	12.0	13.0	8.9	16.2	14.0	13.0	11.6	13.7	14.8	13.4	13.7	13.3	13.4	13.5	13.0	11.8
:2	9.0	15.1	12.2	12.1	10.0	14.3	13.6	12.6	12.0	13.0	14.1	13.0	13.5	13.4	13.3	13.4	12.8	11.8
:3	11.8	17.0	13.8	14.2	10.6	14.7	14.2	13.2	12.0	13.0	14.2	13.1	13.4	13.0	13.0	13.1	12.8	12.0
:4	13.0	15.0	14.9	14.3	13.2	14.5	14.9	14.2	13.5	14.8	14.5	14.3	13.3	13.2	13.3	13.3	12.8	12.0
:5	13.5	16.4	14.8	14.9	13.5	15.4	15.3	14.7	13.8	14.4	15.0	14.4	13.5	13.4	13.5	13.5	12.8	12.2
:6	12.5	20.0	16.0	16.2	12.8	17.6	16.8	15.7	13.5	15.3	16.4	15.1	13.6	13.6	13.6	13.6	12.9	12.2
:7	13.0	22.5	16.9	17.5	13.5	19.5	17.9	17.0	14.4	16.4	17.7	16.2	14.0	14.0	14.1	14.0	13.0	12.3
:8	13.8	22.8	16.8	17.8	14.2	20.0	18.0	17.4	15.2	16.9	18.0	16.7	14.5	14.5	14.8	14.6	13.2	12.3
:9	14.5	18.0	15.5	16.0	15.0	16.8	16.2	16.0	16.0	16.0	16.4	16.1	15.0	15.0	15.1	15.0	13.5	12.3
30	13.8	15.7	14.0	14.5	14.5	15.4	15.0	15.0	15.1	15.0	15.4	15.2	15.0	14.7	14.5	14.7	13.5	12.3
ncü luk	**12.4**	**18.1**	**14.7**	**15.1**	**12.6**	**16.4**	**15.6**	**14.9**	**13.7**	**14.9**	**15.7**	**14.8**	**14.0**	**13.8**	**13.9**	**13.9**	**13.0**	**12.1**
vlık alama	**11.1**	**17.5**	**13.7**	**14.1**	**11.8**	**15.6**	**14.7**	**14.0**	**12.8**	**13.7**	**14.7**	**13.7**	**12.9**	**12.8**	**12.9**	**12.9**	**12.0**	**11.6**

Toprağın sıcaklığı

Température de la terre

Mayıs 1939 — *Mai 19*

Gün — *Jour*	DERİNLİK — *PROFONDEUR*																	
	— 5 cm.				— 10 cm.				— 20 cm.				— 50 cm.				-1 m.	-2
	7	14	21	Ortalama *Moy.*	7	14	21	Ortalama *Moy.*	7	14	21	Ortalama *Moy.*	7	14	21	Ortalama *Moy.*	14	
1	13.0	15.7	15.0	14.6	13.3	15.0	16.0	14.8	14.0	14.7	16.0	14.9	14.5	14.3	14.5	14.4	13.5	
2	12.0	20.7	16.5	16.4	12.5	18.0	17.5	16.0	13.5	15.4	17.0	15.3	14.5	14.2	14.5	14.4	13.6	
3	14.0	24.1	19.0	19.0	14.0	20.5	19.5	18.0	14.8	17.0	18.7	16.8	15.0	14.8	15.0	14.9	13.6	
4	15.4	23.3	18.5	19.1	15.5	21.0	19.0	18.5	16.3	18.0	18.5	17.6	15.2	15.3	15.5	15.3	13.7	
5	17.8	21.7	18.1	19.2	17.4	19.8	18.5	18.6	17.3	18.1	18.2	17.9	15.8	15.8	15.8	15.8	13.9	
6	15.5	23.8	18.4	19.2	16.5	21.0	19.4	19.0	17.0	18.4	19.4	18.3	16.0	16.0	16.0	16.0	14.0	
7	15.2	24.9	19.2	19 8	15.8	21.5	20.0	19.1	16.8	17.5	19.7	18.0	16.4	18.6	16.7	16.6	14.4	
8	15.8	27.4	20.1	21.1	16.1	23.0	21.1	20.1	17.2	19.4	20.8	19.1	16.6	16.5	16.5	16.5	14.5	
9	16.5	26.3	19.8	20.9	17.0	22.7	20.7	20.1	18.0	19.7	20.7	19.5	17.0	17.0	17.0	17.0	14.7	
10	17.6	27.5	20.0	21.7	18.0	23.5	21.0	20.8	18.6	20.3	21.0	20.0	17.4	17.3	17.4	17.4	14.9	
1 inci onluk	15.3	23.5	18.5	19.1	15.6	20.6	19.3	18.5	16.4	17.9	19.0	17.7	15.8	15.8	15.9	15.8	14.1	
11	17.1	24.8	20.0	20.6	17.6	22.8	20.5	20.3	18.5	20.6	20.5	19.9	17.7	17.6	17.6	17.6	15.2	
12	18.0	24.8	20.0	20.9	18.5	22.2	20.7	20.5	19.0	20.0	20.7	19.9	18.0	17.6	17.6	17.7	15.3	
13	17.8	26.4	19.2	21.1	17.9	23.8	20.4	20.7	18.6	20.8	20.8	20.1	17.8	17.8	18.0	17.9	15.5	
14	15.8	28.2	20.9	21.6	16.7	23.8	21.9	20.8	18.2	20.2	21.7	20.0	18.0	17.8	17.7	17.8	15.7	
15	17.7	26.3	21.5	21.8	17.7	23.1	22.1	21.0	18.7	20.3	21.7	20.2	18.2	18.0	18.0	18.1	15.8	
16	18.5	29.0	21.5	23.0	18.6	24.8	22.5	22.0	19.5	21.4	22.5	21.1	18.5	18.3	18.5	18.4	15.9	
17	18.3	29.4	21.6	23.1	18.6	25.4	22.8	22.3	19.5	21.9	22.9	21.4	18.7	18.6	18.6	18.6	16.1	
18	18.5	29.4	21.5	23.1	19.0	25.3	22.8	22.4	20.0	21.9	22.9	21.6	19.0	18.9	18.8	18.9	16.2	
19	19.3	29.8	22.4	23.8	19.4	27.0	23.6	23.3	20.2	23.5	23.6	22.4	19.2	19.0	19.1	19.1	16.4	
20	19.0	32.1	23.5	24.9	19.5	27.5	24.8	23.9	20.5	23.4	24.7	22.9	19.5	19.5	19.5	19.5	16.5	
2 inci onluk	18.0	28.0	21.2	22.4	18.4	24.6	22.2	21.7	19.3	21.4	22.2	21.0	18.5	18.3	18.3	18.4	15.9	
21	18.6	32.0	25.4	25.3	19.6	28.0	26.2	24.6	21.2	23.8	25.7	23.6	20.0	19.8	20.0	19.9	16.8	
22	20.2	30.0	22.9	24.4	20.9	27.0	24.2	24.0	22.0	23.8	24.5	23.4	20.3	20.4	20.2	20.3	16.9	
23	19.8	33.9	25.1	26.3	19.6	29.0	26.2	24.9	20.8	24.1	25.8	23.6	20.4	20.2	20.3	20.3	17.1	
24	21.9	34.3	25.4	27.2	21.6	29.8	26.8	26.1	22.4	25.2	26.5	24.7	20.6	20.7	20.7	20.7	17.1	
25	21.8	34.1	25.2	27.0	21.2	29.3	26.1	25.5	22.4	25.2	25.9	24.5	21.1	21.0	20.9	21.0	17.5	
26	21.3	24.5	20.4	22.1	21.5	23.5	22.0	22.3	22.5	22.9	23.0	22.8	21.2	21.0	20.7	21.0	17.5	
27	18.5	28.6	20.8	22.6	18.9	25.6	22.4	22.3	20.2	22.2	23.2	21.9	20.5	20.4	20.2	20.4	17.6	
28	18.0	22.5	20.0	20.2	18.5	21.5	21.0	20.3	19.9	20.7	21.7	20.8	20.2	19.8	19.8	19.9	17.6	
29	18.3	28.3	20.9	22.5	17.7	26.8	22.0	22.2	18.8	22.6	22.6	21.3	19.7	19.6	19.5	19.6	17.6	
30	18.7	31.6	23.4	24.6	18.7	27.8	24.6	23.7	19.6	23.3	24.8	22.6	19.7	19.6	19.7	19.7	17.6	
31	20.5	33.7	24.4	26.2	20.2	29.8	25.8	25.3	21.2	24.8	26.0	24.0	20.3	20.2	21.4	20.6	17.6	
3 üncü onluk	19.8	30.3	23.1	24.4	19.9	27.1	24.3	23.7	21.0	33.5	24.5	23.0	20.4	20.2	20.3	20.3	17.4	
Aylık Ortalama	17.8	27.4	21.0	22.0	18.0	24.2	22.0	21.4	18.9	1.0	22.0	20.6	18.3	18.2	18.2	18.2	15.8	

Toprağın sıcaklığı

Température de la terre — **Haziran 1939** — *Juin 1939*

DERİNLİK — *PROFONDEUR*																		
— 5 cm.				— 10 cm.				— 20 cm.				— 50 cm.				-1 m.	-2 m.
7	14	21	Ortalama *Moy.*	7	14	21	Ortalama *Moy.*	7	14	21	Ortalama *Moy.*	7	14	21	Ortalama *Moy.*	14	14
20.0	30.0	24.5	24.8	20.5	28.0	25.5	24.7	21.8	24.8	25.6	24.1	21.8	21.8	21.8	21.8	17.8	14.8
19.7	28.7	20.0	22.8	20.7	25.8	21.2	22.6	22.1	23.4	22.6	22.7	22.1	20.8	20.7	21.2	17.8	14.8
18.5	19.2	16.5	18.1	18.8	19.7	17.8	18.8	19.9	20.4	19.2	19.8	20.5	20.2	20.0	20.2	17.8	15.0
14.6	27.7	20.5	20.9	15.0	24.2	22.0	20.4	16.8	20.6	22.0	19.8	19.5	18.9	19.0	19.1	17.8	15.0
17.2	22.2	19.0	19.5	17.5	21.7	20.0	19.7	18.7	20.6	20.6	20.0	19.4	19.2	19.1	19.2	17.8	15.2
16.7	27.7	19.4	21.3	17.2	24.3	20.6	20.7	18.2	21.0	21.6	20.3	19.1	19.0	19.0	19.0	17.6	15.2
16.7	18.6	16.6	17.3	17.4	18.3	17.2	17.6	18.7	18.2	17.7	18.2	19.3	18.9	18.5	18.9	17.5	15.2
16.7	24.4	19.3	20.1	16.9	21.8	19.7	19.5	17.5	19.4	19.9	18.9	18.4	18.3	18.3	18.3	17.4	15.3
17.6	27.7	21.3	22.2	17.8	24.5	22.3	21.5	18.4	21.0	22.2	20.5	18.5	18.5	18.6	18.5	17.4	15.3
18.2	28.3	22.4	23.0	18.8	25.0	23.2	22.3	19.6	21.5	23.0	21.4	19.1	19.0	19.3	19.1	17.3	15.3
17.6	**25.5**	**20.0**	**21.0**	**18.1**	**23.3**	**21 0**	**20.8**	**19.2**	**21.1**	**21.4**	**20.6**	**19.8**	**19.5**	**19.4**	**19.5**	**17.6**	**15.1**
18.8	29.7	22.7	23.7	19.3	26.4	23.7	23.1	20.2	22.7	23.7	22.2	19.7	19.6	19.8	19.7	17.5	15.4
19.8	31.2	24.4	25.1	19.6	27.8	25.4	24.3	20.5	23.7	25.2	23.1	20.3	20.0	20.3	20.2	17.6	15.4
22.0	33.8	27.2	27.7	21.4	30.0	27.8	26.4	22.1	25.4	27.2	24.9	20.9	20.9	21.2	21.0	17.8	15.4
23.7	30.0	25.5	26.4	23.2	27.8	26.3	25.8	23.9	25.3	26.3	25.2	22.0	21.9	21.9	21.9	18.2	15.4
22.7	35.5	27.5	28.6	22.4	31.6	28.5	27.5	23.2	26.8	28.3	26.1	22.3	22.1	22.4	22.3	18.4	15.5
23.4	34.3	26.2	28.0	23.6	31.2	27.7	27.5	24.5	27.3	27.9	26.6	22.9	22.8	22.7	22.8	18.6	15.5
22.7	34.2	27.4	28.1	22.7	31.2	28.6	27.5	23.8	27.7	28.4	26.6	23.3	23.2	23.4	23.3	18.9	15.6
23.5	29.5	24.8	25.9	23.5	28.3	26.0	25.9	24.7	26.6	26.3	25.9	23.6	23.3	23.3	23.4	19.3	15.6
21.2	28.8	24.4	24.8	21.8	26.8	25.4	24.7	23.0	24.7	25.7	24.5	23.2	22.9	22.7	22.9	19.5	15.7
21.8	28.2	22.7	24.2	21.7	25.8	23.7	23.7	22.7	23.7	24.2	23.5	22.8	22.5	22.3	22.5	19.5	15.8
22.0	**31.5**	**25.3**	**26.3**	**21.9**	**28.7**	**26.3**	**25.6**	**22.9**	**25.4**	**26.3**	**24.9**	**22.1**	**21.9**	**22.0**	**22.0**	**18.5**	**15.5**
20.3	26.7	22.8	23.3	20.2	25.3	23.7	23.1	21.4	23.8	24.0	23.1	22.2	21.8	21.8	21.9	19.6	15.9
21.2	30.7	23.5	25.1	20.6	27.3	24.4	24.1	21.6	23.3	24.7	23.2	21.8	21.7	21.8	21.8	19.6	16.0
21.1	30.3	24.5	25.3	21.1	27.4	25.3	24.6	21.9	24.2	24.8	23.6	21.9	21.8	21.8	21.8	19.6	16.0
22.4	30.0	22.5	25.0	22.3	28.7	24.0	25.0	22.9	25.6	24.8	24.4	22.2	22.2	22.0	22.1	19.6	16.0
19.6	32.7	26.7	26.3	20.2	29.2	27.4	25.6	21.7	25.0	26.8	24.5	22.4	22.0	22.1	22.2	19.6	16.1
23.8	35.2	27.5	28.8	23.0	31.5	28.7	27.7	23.8	27.2	28.5	26.5	22.8	22.8	23.0	22.9	19.7	16.2
23.5	36.8	28.5	29.6	23.5	32.8	29.7	28.7	24.7	28.0	29.5	27.4	23.7	23.6	23.8	23.7	19.8	16.3
25.4	35.7	28.8	30.0	24.8	32.6	29.8	29.1	25.7	28.7	29.7	28.0	24.4	24.3	24.4	24.4	20.2	16.3
25.7	35.8	28.4	30.0	25.5	32.7	29.0	29.1	26.3	28.8	29.0	28.0	24.8	24.7	25.0	24.8	20.4	16.4
25.9	33.3	27.8	29.0	25.7	30.8	28.8	28.4	26.3	28.0	28.9	27.7	25.9	24.8	24.8	25.2	20.6	16.5
22.9	**32.7**	**26.1**	**27.2**	**22.7**	**29.8**	**27.1**	**26.5**	**23.6**	**26.3**	**27.1**	**25.6**	**23.2**	**23.0**	**23.1**	**23.1**	**19.9**	**16.2**
20.8	**29.9**	**23.8**	**24.8**	**20.9**	**27.3**	**24.8**	**24.3**	**21.9**	**24.2**	**24.9**	**23.7**	**21.7**	**21.4**	**21.5**	**21.5**	**18.7**	**15.6**

Ay günlerinin olaylara göre dağıtılması 1939

Distribution des jours du mois selone les phénomenes

Ay *Mois*	Açık *Ouvert*	Bulutlu *Nuageux*	Kapalı *Couvert*	Yağmurlu *Pluvieux*	Karlı *Neigeux*	Dolulu *Grêleux*	Tipili *Tempête de neige*	Fırtınalı *Tempête*	Az donlu *Gelee*	Çok donlu *Sans dégel*	Kırağlı *Gelee blanche*	Çiyli *Rosée*	Şimşekli *Éclair*	Gök gürültülü *Tonnaire*	Sisli *Brouillard*	Puslu
Nisan *Avril*	15	4	11	4	—	—	—	2	—	—	—	2	—	—	4	
Mayıs *Mai*	13	11	7	8	—	—	—	5	—	—	—	6	3	7	4	
Haziran *Juin*	11	8	11	13	—	—	—	5	—	—	—	2	4	9	3	

II — Deniz rasatları (Observations de la mer)

Kemal Erkman

Bitişik sahifedeki cetvel Arnavutköyündeki akıntı anafor mahallindeki maroğraf ile ülen deniz seviyesine ait değişiklikleri gösterir. Bu cetvelin başlık satırı ayları ve başlık tunu da ayın günlerini gösterir.

Sapma deniz seviyesinin, rıhtım üzerinde tespit edilmiş olan bir pirinç işaretin merke-den itibaren alçalmadan ibarettir. Bu alçalma miktarı santimetre ile gösterilmiştir. tveldeki miktarlar sapmaların günlük ortalamasıdır. Son satır dahi aylık ortalamadır. roğraf kaleminin irca nisbeti 1/5 dir. Tabiidir ki cetveldeki hakiki kıymetler bu nisbete re aletin diyagram iş'arından irca edilmiştir. Ortalama seviyenin normal miktarı henüz lli olmamıştır. Maroğraf kâğıdının sıfırı, işaret merkezinden 168.2 santimetre yüksektir. umaralı diyağram bu seviye değişikliğine aittir. Seviyenin başlıca değişikliği basınç ğişikliğine tâbi olduğundan mukayese için nokta ve çizgi ile tazyik değişikliği tersim ildiği gibi meddicezir tesirini de takip edebilmek için içtima, istikbal ve terbilerin za-nları da gösterilmiştir.

Deniz seviyesi ve sıcaklığı

Niveau et température de la mer

Maroğrafın sistemi *(Système du marographe)* : Jules Richard — Termometrenin cinsi *(Type du thermomètre)* : *Negreti zambra*

Redüktör *(Reducteur)* : 1/5 — Rasat mahalli *(Lieu d'observation)* : Kandilli iskelesi

Mevkii *(Station)* : Arnavutköy

Reper *(Repère)* : Rıhtımdaki pirinç dairenin merkezi
: *Le centre du disque en laiton fixé au quai*

Günler - *Jours* Aylar - *Mois*	Sapma *Ecart* (cm.)			Sıcaklık — *Température*					
				Nisan *Avril*		Mayıs *Mai*		Haziran *Juin*	
	Nisan *Avril*	Mayıs *Mai*	Haziran *Juin*	m. 0	m. -15	m. 0	m. -15	m. 0	m. -15
1	—	31.3	31.4	—	—	—	—	—	—
2	—	35.2	26.9	—	—	—	—	—	—
3	—	29.9	27.5	—	—	—	—	—	—
4	30.5	29.0	32.8	—	—	—	—	—	—
5	32.6	21.3	26.5	—	—	—	—	—	—
6	32.2	19.1	32.5	—	—	—	—	—	—
7	32.0	23.3	34.5	—	—	—	—	—	—
8	35.4	25.7	29.1	—	—	—	—	—	—
9	31.9	24.5	24.4	—	—	—	—	—	—
10	28.4	25.4	25.6	—	—	—	—	—	—
11	33.7	25.6	26.9	—	—	—	—	—	—
12	36.9	25.4	27.1	—	—	—	—	—	—
13	33.1	23.1	29.5	—	—	—	—	—	—
14	34.6	29.1	26.4	—	—	—	—	—	—
15	35.0	27.4	19.0	—	—	—	—	—	—
16	34.9	28.8	19.3	—	—	—	—	—	—
17	36.7	30.0	21.0	—	—	—	—	—	—
18	36.6	30.9	20.9	—	—	—	—	—	—
19	35.8	28.5	19.8	—	—	—	—	—	—
20	39.7	25.2	20.5	—	—	—	—	—	—
21	41.1	18.0	24.0	—	—	—	—	—	—
22	39.6	16.4	22.8	—	—	—	—	—	—
23	39.8	19.3	21.6	—	—	—	—	—	—
24	24.7	20.4	20.8	—	—	—	—	—	—
25	21.7	19.7	22.9	—	—	—	—	—	—
26	30.1	23.7	23.5	—	—	—	—	—	—
27	33.9	24.4	22.0	—	—	—	—	—	—
28	34.3	25.3	21.8	—	—	—	—	—	—
29	34.0	26.8	30.3	—	—	—	—	—	—
30	34.1	29.9	27.9	—	—	—	—	—	—
31	—	32.9	—	—	—	—	—	—	—
Ortalama	33.5	25.7	25.3	—	—	—	—	—	—

III — Sismoloji (Séismologie)

Kemal Erkman

Bitişik sahifeler yerdepremlerini ve bunların asli ve tali fazlarının zamanlarını göste-
. Titrenti (Microséisme) ler dahil değildir. Cetvelin birinci sütunu tarih ve ikinci sütunu
ynelmilel kabul edilmiş olan faz işaretleridir. Bu işaretlerden P_n veya $\overline{P}$ tıtreşimin
şlangıcını, F nihayetini ve iM de en şiddetli titreşim fazını gösterir. Üçüncü sütun da
irkiye saatiyle fazların zamanlarıdır. Dördüncü sütunda N - S bileşeninden alınan en
yük sianın devir müddeti gösterildiği gibi beşinci, altıncı ve yedinci sütunlarda en
yük sia miktarı milimetre olarak gösterilmiştir. A_N şimal-cenup bileşenine, A_E şark-garp
eşenine aittir. Tahmin edilen merkez üstü uzaklık Δ ile son sütunda kilometre olarak
sterilmiştir. Ve düşünceler hanesinde de olayın vukubulduğu haber verilen mahal
abederse coğrafi vaziyetleriyle beraber - kaydedilmiştir. Eğer olay memleket dahilinde
icabeden umumi karekteri de ilâve edilmiştir. Kayıtlar Galitzin sistemi sismoğra-
dan alınmıştır. Eğer diğer aletlerden alınmış ise düşünceler hanesinde ayrıca göste-
miştir.

Sismoloji rasatları — *(Observations sismologiques)*

Aletin sistemi *(Système du sèismographe)*: *Galitzin*

Tarih *Date*	Fazlar *Phases*	Zamanlar h. m. Sec	N—S Bileşeninde *Period* Sec	A_N mm.	A_E mm.	A_Z mm.	Δ km.	DÜŞÜNCELER *Remarques*
Nisan *Avril 1939*								
1	P_n	23.08.30					540	
	$\overline{S}$	09.54	9	25,5	15,5	41		
	F	23.22.—						
4	P_n	23.27.57					240	
	$\overline{S}$	28.30	12	26,5	11,5	16		
	$R_s\ \overline{2\,S}$	29.04						
	F	23.43.—						
5	P_n	19.01.32					10.500	Yeni Hébrides.
	$P\,R_1$	05.12						
	$P\,R_2$	05.54						
	$S_c\,P_c\,S$	12.02						
	$P\,S$	15.28						
	M	20.04.—	19	42	36	21		
	F	21.32.—						
6	P_n	06.16.43					1.540	Çok hafif.
	S_n	19.52	—	—	—	—		
	F	06.44.—						
9	$\overline{P}$	03.32.38					100	Çok hafif.
	$\overline{S}$	32.50	—	—	—	—		
	F	03.35.—						
18	P_n	08.37.25					12.200	Çok şiddetli.
	$P\,R_2$	42.09						
	$P\,S$	51.57						
	e ?	09.10.27						
	e L ?	25.—	22	198	—	—		
	F	12.32.—						
21	P_n	00.25.42	—	—	—	—	Uzak	Hafif replik.
	F	01.19.—						
21	$\overline{P}$	06.39.33					12.800	
	$P_c\,P_c\,S$	42.08						
	$S_c\,P_c\,P\,S$	48.14						
	$P\,S$	51.25	12	45,5	—	—		
	$S\,R_1$	56.20						
	F	08.04.—						

Tarih *Date*	Fazlar *Phases*	Zamanlar h. m. Sec	N—S Bileşeninde *Period* Sec	A_N mm.	A_E mm.	A_Z mm.	Δ km.	DÜŞÜNCELER *Remarques*
Nisan *vril 1939*								
23	P_n	18.33.04	14	37	46	—	10.460	
	$\overline{P}$	36.23						
	$P R_1$	37.56						
	$P R_2$	41.03						
	F	20.09.—						
26	P_n	13.38.08					Uzak	Çok hafif.
	e S ?	39.19	—	—	—	—		
	F	14.29.—						
30	P_n	05.11.24					10.400	Çok şiddetli olduğundan safhalar birbirine karışmıştır.
	$P R_1$	16.30						
	$S_c P_c S$	21.43	23	196	—	—		
	F	08.—.—						
Mayıs *Mai 1939*							Uzak	Çok hafif.
1	e ?	15.11.—	—	—	—	—		
1	P_n	19.17.54					14.700	
	$S_c P_c S$	27.51	13	44	18	—		
	P P S	42.36						
	$S R_2$	46.37						
	F	21.29.—						
2	P_n	15.33.05					13.500	Şiddetli.
	$P R_2$	40.36						
	P S	47.42	11	115	183	—		
	e ?	16.06.59						
	F	18.39.—						
8	P_n	03.54.49					6.360	Çok şiddetli olduğundan safhalar seçilememiştir.
	S ?	04.03.—	12	181	—	—		
	F	06.46.—						
10	P_n	09.56.48					14.600	
	$S_c P_c S$	10.03.50	18	14	—	—		
	$P_c P_c S$	07.06						
	P P S	13.12						
	$e L_1$	30.—						
	F	11.48.—						

Tarih *Date*	Fazlar *Phases*	Zamanlar h. m. Sec	N — S Bileşeninde *Period* Sec	A_N mm.	A_E mm.	A_Z mm.	Δ km.	DÜŞÜNCELER *Remarques*
Mayıs *Mai 1939*								
17	P_n	20.44.22					12.800	
	$\overline{P}$	48.12						
	S_n	56.56	14	16	—	9		
	F	23.—.—						
19	i P_n	20.50.20	—	—	—	—	Uzak	Çok hafif.
	F	21.—.—						
20	P_n	11.37.01					1.650	
	R_s $2\overline{P}$	38.32						
	R_s $2\overline{P_3S_2}$	39.56	8	44	91	82		
	F	12.12.—						
23	P_n	06.26.34					6.700	
	P R_2	30.03						
	S_n	36.00	—	—	11	5		
	F	07.23.—						
26	P_n	13.49.49					11.800	
	S_n	14.01.16	—	—	7	6		
	F	14.40.—						
26	i P_n	21.09.—	—	—	—	—	Uzak	Hafif.
27	P_n	06.55.15					6.400	
	P R_1	57.37						
	S_n	07.03.12	—	—	—	8		
	F	07.30.—						
31	P_n	03.25.50					1.400	
	R_s $\overline{P}$	26.53						
	R_s $2\overline{P_3S_2}$	28.09	13	11	9	76		
	e ?	29.06						
	F	03.48.—						
Haziran *Juin 1939*							460	
1	P_n	23.17.02						
	$\overline{S}$	18.13	—	6	—	8		
	F	23.31.—						
2	P_n	05.45.45					8.800	
	P R_2	49.28						
	P S	56.54	—	—	—	7		
	F	07.20.—						

arih *Date*	Fazlar *Phases*	Zamanlar h. m. Sec	N—S Bileşeninde *Period* Sec	A_N mm.	A_E mm.	A_Z mm.	Δ km.	DÜŞÜNCELER *Remarques*
ziran *1939*							Uzak	Çok hafif
8	i P_n	23.06.31	—	—	—	—		
12	P_n	06.17.28					8.900	
	S_n	27.33	—	—	19	—		
	F	08.—.—						
19	P_n	00.14.19	—	—	—	—	Çok uzak	Hafif.
22	P_n	20.27.38					5.000	
	P R_1	29.22						
	S_n	34.16	12	25	16	14		
	S R_1	37.24						
	S R_2	39.50						
	F	22.03.—						
23	i P_n	18.39.—	—	—	—	—	Uzak	Çok hafif
28	P_n	01.17.12					13.600	
	$\overline{P}$	21.02						
	P R_1	22.42						
	S_c P_c P S	28.10	9	27	15	17		
	P P S	34.26						
	F	02.45.—						